

Service Manual



Colour Television TX-28/32/36PB50D TX-28/32/36PB50F TX-32/36PB50F/P EURO-7 Chassis

SPECIFICATIONS

Power Source:	220-240V a.c., 50Hz		
Power Consumption:	145W (28") , 149W (32") , 175W (36")		
Stand-by Power Consumption:	2.8W		
Aerial Impedance:	75Ω unbalanced, Coaxial Type		
Receiving System:	PAL I, B/G, H, D/K, PAL-525/60 SECAM L/L', B/G, D/K M. NTSC NTSC (AV only)		
Receiving Channels:	VHF E2-E12 VHF H1-H2 (ITALY) VHF A-H (ITALY) VHF R1-R2 VHF R3-R5 VHF R6-R12 UHF E21-E69 CATV (S01-S05) CATV S1-S10 (M1-M10) CATV S11-S20 (U1-U10) CATV S21-S41 (HYPERBAND)		
Intermediate Frequency:			
Video/Audio			
Video	38,9MHz, 34MHz		
Audio	32,9MHz, 33,16MHz, 33,4MHz 40,4MHz, 32,4MHz (A2 STEREO) 33,05MHz, 34,05MHz (NICAM) 32,66MHz, 32,4MHz (CZECH STEREO)		
Colour	34,47MHz (PAL) 34,5MHz, 34,65MHz (SECAM)		
Terminals:			
AV1 IN	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 10kΩ RGB (21 pin)		
AV1 OUT	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 1kΩ		
AV2 IN	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 10kΩ S-Video IN Y: 1V p-p 75Ω (21-pin) C: 0.3V p-p 75Ω		
AV2 OUT	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 1kΩ Selectable output (21 pin)		
AV3 IN		S-Video IN Y: 1V p-p 75Ω (4-pin) C: 0.3V p-p 75Ω Audio (RCAx2) 500mV rms 1V Video Video (RCAx2) 1V p-p 75Ω	
AV4 IN		Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 10kΩ S-Video IN Y: 1V p-p 75Ω (21-pin) C: 0.3V p-p 75Ω RGB (21 pin)	
AV4 OUT		Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 1kΩ	
High Voltage:	30.5kV ± 1kV (28") , 32kV ± 1kV (32/36")		
Picture Tube:		W66EKT10X71 66cm (28") W76EKW10X72 76cm (32") W86LPX955X07 86cm (36")	
Audio Output: (Music Power)		Front Left/Right 2 x 20W 8Ω Impedance	
Digital Audio Input		Coaxial / Optical	
Headphones:		8Ω Impedance 3.5mm	
Accessories supplied :		Remote Control 2 x R6 (UM3) Batteries	
Dimensions:			
Height:	28" 509mm	32" 558mm	36" 623mm
Width:	763mm	850mm	950mm
Depth:	512mm	549mm	582mm
Net weight:	45kg	58.5kg	79.5kg

Specifications are subject to change without notice.
Weights and dimensions shown are approximate.

NOTE: This Service Manual should be used in conjunction with the EURO-7 Technical guide.

Panasonic

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SAFETY PRECAUTIONS

GENERAL GUIDE LINES

1. It is advisable to insert an isolation transformer in the a.c. supply before servicing a hot chassis.
2. When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts that have been overheated or damaged by the short circuit.
3. After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
4. When the receiver is not being used for a long period of time, unplug the power cord from the a.c. outlet.
5. Potentials as high as 33kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazard.

LEAKAGE CURRENT COLD CHECK

1. Unplug the a.c. cord and connect a jumper between the two prongs of the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value with an ohmmeter, between the jumpered a.c. plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis, the reading should be between 4M ohm and 20M ohm. When the exposed metal does not have a return path to the chassis, the reading must be infinite.

LEAKAGE CURRENT HOT CHECK

1. Plug the a.c. cord directly into the a.c. outlet. Do not use an isolation transformer for this check.
2. Connect a 2k Ω 10W resistor in series with an exposed metallic part on the receiver and an earth, such as a water pipe.
3. Use an a.c. voltmeter with high impedance to measure the potential across the resistor.
4. Check each exposed metallic part and check the voltage at each point.
5. Reverse the a.c. plug at the outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 1.4V rms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

X-RADIATION WARNING

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that the jig is capable of handling 33kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter.

HOT CHECK CIRCUIT

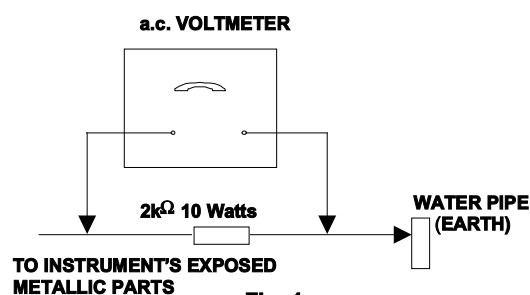


Fig. 1.

1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate. 30.5kV \pm 1kV (28") , 32kV \pm 1kV (32"/36"). If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent any X-Radiation possibility, it is essential to use the specified tube.

SERVICE HINTS

How to remove the rear cover

1. Remove the 10 screws as shown in **Fig.2**.

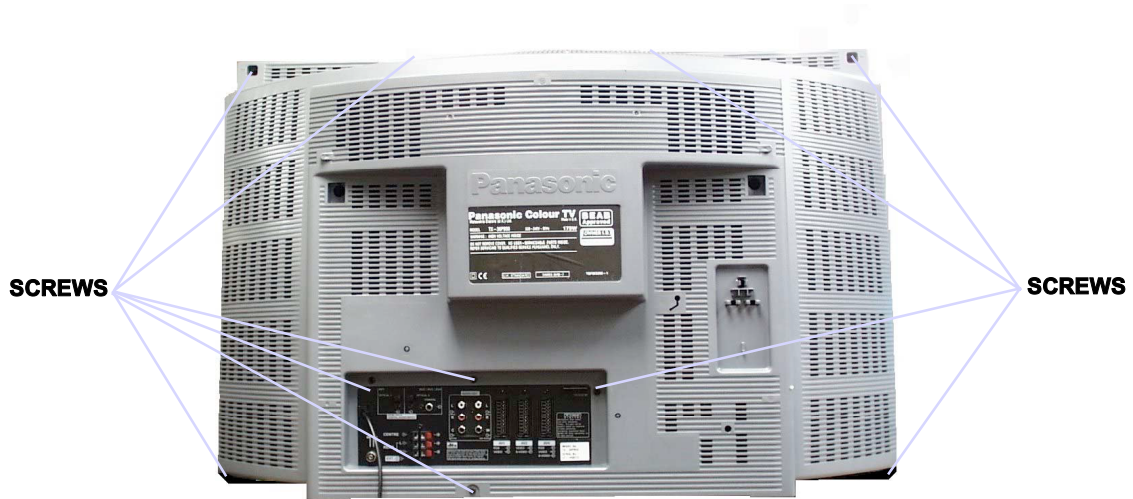


Fig.2.

LOCATION OF CONTROLS

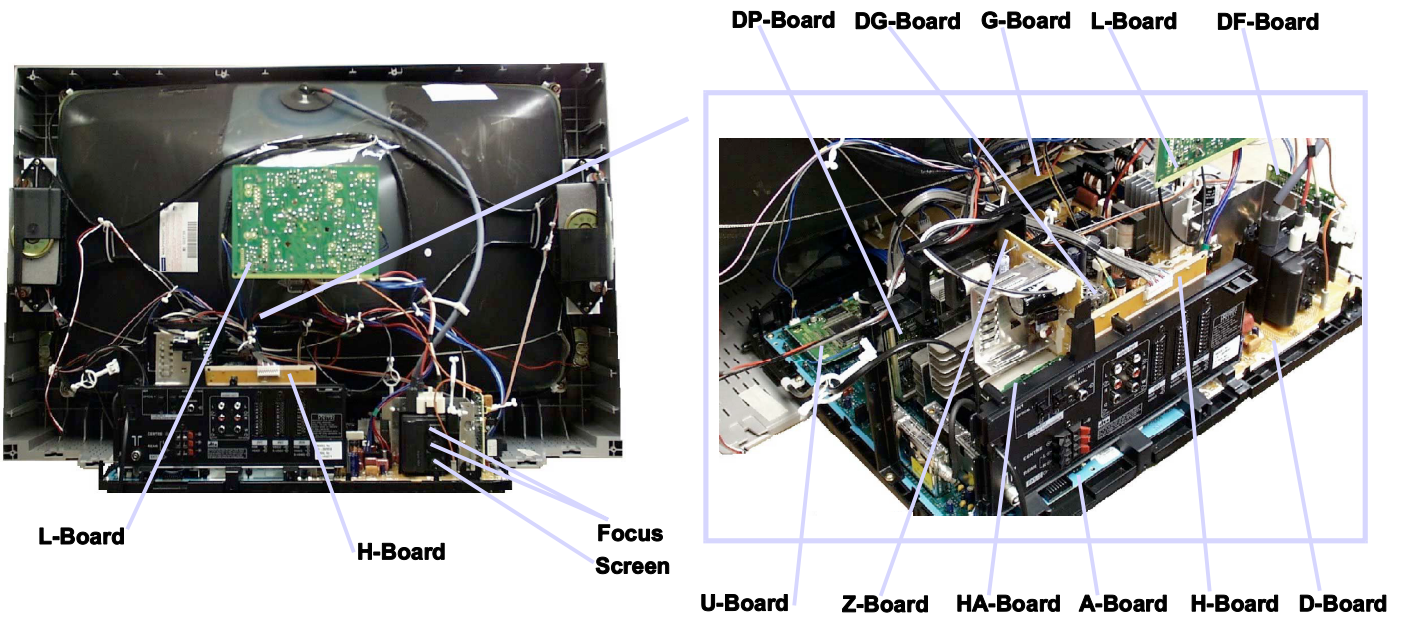
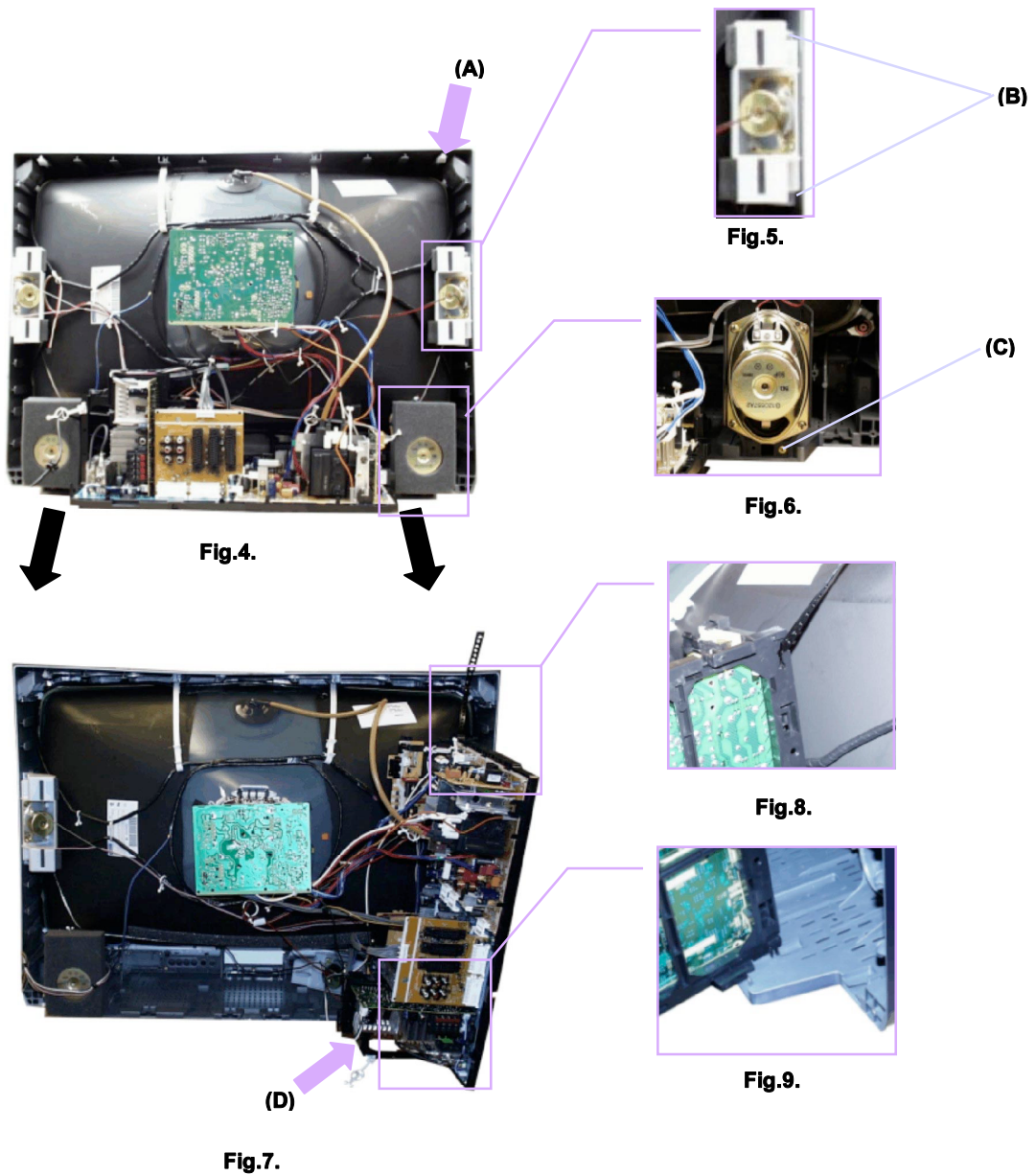


Fig.3.

HOW TO MOVE THE CHASSIS INTO SERVICE POSITION

1. Remove the 3 screws (B) and (C) shown in Fig.5. / Fig.6., and remove the 2 speakers from the cabinet.
2. Affix the support strap supplied in the service pack (TZS1EK002) using a back cover screw, into the top right-hand cabinet rib (A) shown in Fig.4.
3. Hold and lift the rear of the chassis and gently pull toward you, as shown in Fig.4.
4. Release the respective wiring clips and rotate the chassis vertically through 90°, anti-clockwise.
5. Locate the base of the chassis frame into location (D), shown in Fig.7. / Fig.9.
6. Clip the chassis frame onto the support strap, shown in Fig.7. / Fig.8.
7. After servicing replace the speakers, and ensure all wiring is returned to it's original position before returning the receiver to the customer.



ADJUSTMENT PROCEDURE

Item / Preparation	Adjustment/Confirmation																																																																																																
+B SET-UP 4. Receive a Window pattern. 5. Set the controls :- <div><div>Brightness</div><div>Minimum</div></div> <div><div>Contrast</div><div>Minimum</div></div> <div><div>Volume</div><div>Minimum</div></div>	Confirm the following voltages. A - Board <table><tr><td>A1 Pin2</td><td>7.5</td><td>±</td><td>0.5V</td><td>IC1252 Pin2</td><td>2.5</td><td>±</td><td>0.25V</td></tr><tr><td>A1 Pin12</td><td>-20</td><td>±</td><td>0.5V</td><td>IC1251 Pin3</td><td>3.3</td><td></td><td>+0.3 / -0.2V</td></tr><tr><td>A1 Pin16</td><td>20</td><td>±</td><td>0.5V</td><td>IC3302 Pin3</td><td>12</td><td>±</td><td>0.6V</td></tr><tr><td>A2 Pin15</td><td>30</td><td>±</td><td>0.5V</td><td>IC2707 Pin3</td><td>8</td><td>±</td><td>0.4V</td></tr><tr><td>A2 Pin6</td><td>15</td><td>±</td><td>0.5V</td><td>L2707 (IC2708)</td><td>9</td><td>±</td><td>0.4V</td></tr><tr><td>A3 Pin4</td><td>15</td><td>±</td><td>0.5V</td><td>L2704 (IC2706)</td><td>5</td><td>±</td><td>0.2V</td></tr><tr><td>A3 Pin2</td><td>-15</td><td>±</td><td>0.5V</td><td>L2716 (IC2705)</td><td>3.3</td><td>±</td><td>0.2V</td></tr><tr><td></td><td></td><td></td><td></td><td>L2717 (IC2709)</td><td>3.3</td><td>±</td><td>0.2V</td></tr></table> D – Board <table><tr><td>TPD8-GND</td><td>7.5</td><td>±</td><td>0.5V</td></tr><tr><td>TPD9-TPD11</td><td>38.5</td><td>±</td><td>2V</td></tr><tr><td>TPD10-GND</td><td>15.5</td><td>±</td><td>1V</td></tr><tr><td>TPD13-GND</td><td>14.5</td><td>±</td><td>1V</td></tr><tr><td>TPD15-GND</td><td>144.8</td><td>±</td><td>1V</td></tr><tr><td>TPD32-GND</td><td>209</td><td>±</td><td>10V</td></tr><tr><td>C864-GND</td><td>-15.5</td><td>±</td><td>1V</td></tr><tr><td>D2 Pin15-GND</td><td>31</td><td>±</td><td>1V</td></tr></table>	A1 Pin2	7.5	±	0.5V	IC1252 Pin2	2.5	±	0.25V	A1 Pin12	-20	±	0.5V	IC1251 Pin3	3.3		+0.3 / -0.2V	A1 Pin16	20	±	0.5V	IC3302 Pin3	12	±	0.6V	A2 Pin15	30	±	0.5V	IC2707 Pin3	8	±	0.4V	A2 Pin6	15	±	0.5V	L2707 (IC2708)	9	±	0.4V	A3 Pin4	15	±	0.5V	L2704 (IC2706)	5	±	0.2V	A3 Pin2	-15	±	0.5V	L2716 (IC2705)	3.3	±	0.2V					L2717 (IC2709)	3.3	±	0.2V	TPD8-GND	7.5	±	0.5V	TPD9-TPD11	38.5	±	2V	TPD10-GND	15.5	±	1V	TPD13-GND	14.5	±	1V	TPD15-GND	144.8	±	1V	TPD32-GND	209	±	10V	C864-GND	-15.5	±	1V	D2 Pin15-GND	31	±	1V
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CUT OFF 1. Receive a Window pattern. 2. Degauss the tube externally. 3. Set the TV into Service Mode 1. 4. Select Sub brightness mode.	To adjust Cutoff connect an oscilloscope to the Blue cathode. Adjust " Cutoff " value using the " Yellow " and " Blue " buttons until the black level is 170V ± 5V, press " STR " to store the value. Remove the oscilloscope. Select Highlight/Lowligh t mode press " 5 " to collapse the screen and adjust the screen " VR " until the display is just visible, press " 5 " to return to service mode. Using the " Yellow " and " Blue " buttons adjust until optimum picture white balance is achieved, press " STR " to store the value. Select Sub Brightness mode and adjust until optimum picture brightness is achieved.																																																																																																

SELF CHECK

Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.

To get into Self-Check mode press the down (-/v) button on the customer controls at the front of the TV set, at the same time pressing the **STATUS** button on the remote control, and the screen will show: -

Factory use only

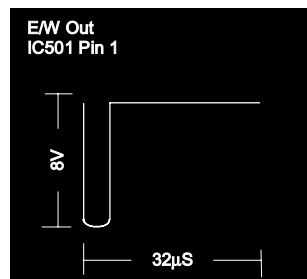
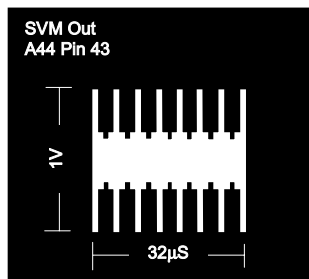
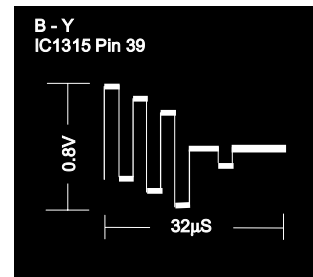
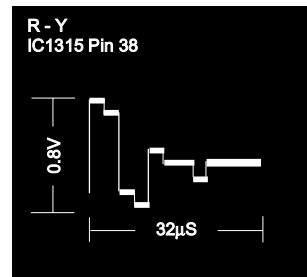
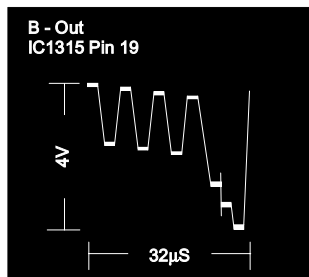
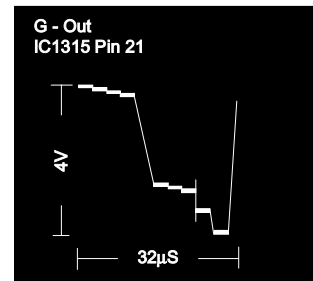
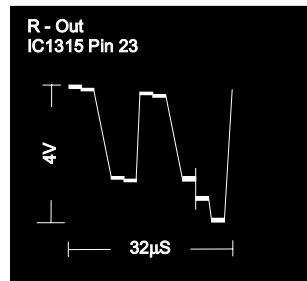
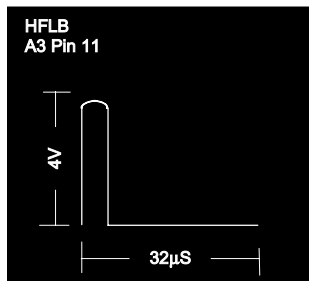
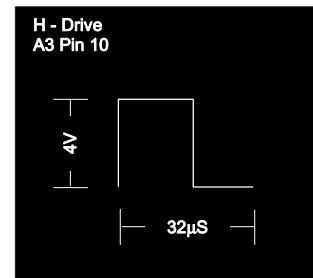
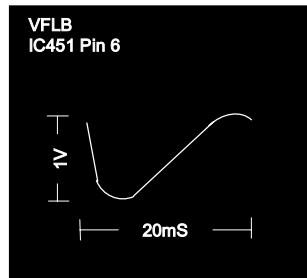
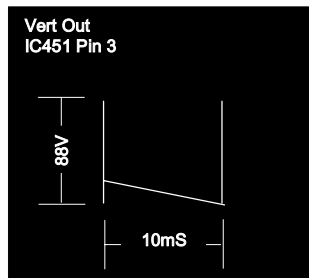
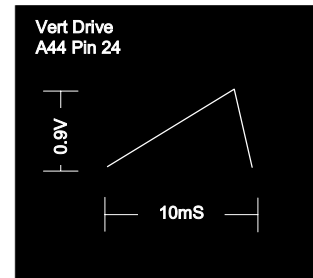
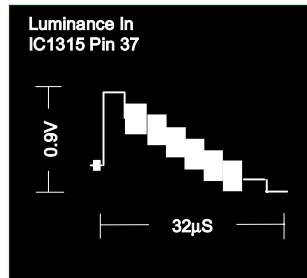
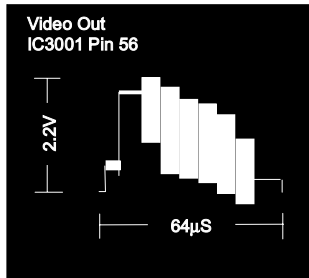
MEM	:	O.K.	Sum	:	****				
GC1	:	O.K.				TX-32PB50F_F/P	TX-36PB50F_F/P	TX-28/32/36PB50D	TX-28PB50F
GC2	:	O.K.	OPTION 1:		0F		0F	0F	0F
VDU	:	O.K.	OPTION 2:		00		00	00	00
CIP	:	O.K.	OPTION 3:		B3		B3	B3	B3
RGB	:	O.K.	OPTION 4:		11		11	11	11
AVSW	:	O.K.	OPTION 5:		00		00	00	00
TUN1	:	O.K.	OPTION 6:		50		50	50	50
TUN2	:	O.K.	OPTION 7:		77		77	7F	77
DAC1	:	O.K.	OPTION 8:		59		59	D9	59
MSP	:	O.K.	OPTION 9:		85		85	85	85
DOLBY	:	O.K.	OPTION 10:		81		81	81	81
CODEC	:	O.K.	OPTION 11:		09		09	09	09
DAC2	:	O.K.	OPTION 12:		00		40	20 00 40	20
DAC3	:	O.K.	OPTION 13:		FA		FA	FA	FA
			Check:		FC		3C	A4 84 C4	1C

To exit Self-Check, switch off the TV set at the power button.

If the CCU ports have been checked and found to be incorrect or not located then " - - " will appear in place of "O.K."

WAVEFORM PATTERN TABLE

Note: All waveforms have been taken using a standard colour bar pattern.



ALIGNMENT SETTINGS

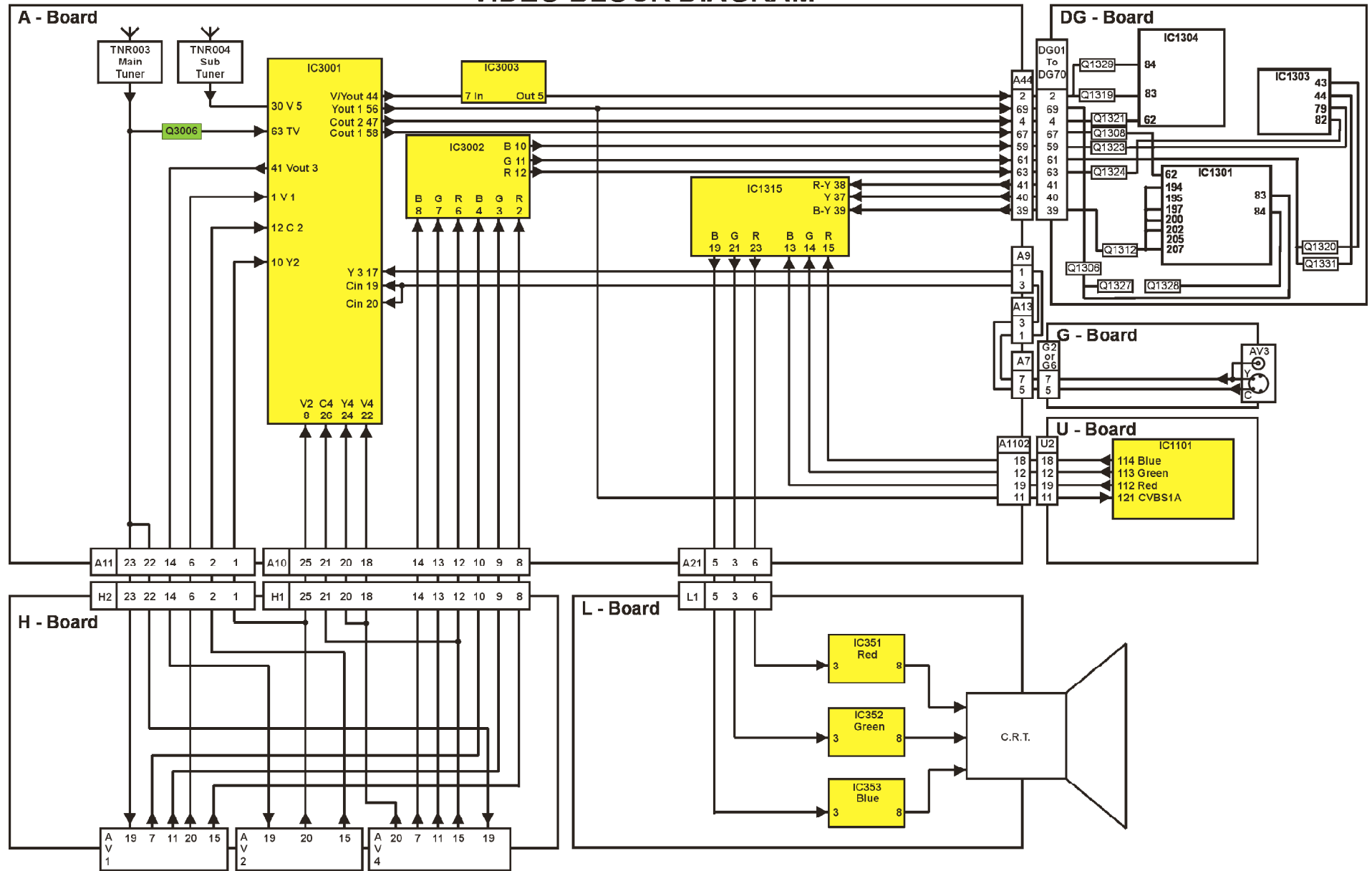
(The figures below are nominal and used for representative purposes only.)

1. Set the Bass to maximum position, set the Treble to minimum position, press the down button (- / v) on the customer controls at the front of the TV and at the same time press the **INDEX** button on the remote control, this will place the TV into the Service Mode.
2. Press the **RED / GREEN** buttons to step up / down through the functions.
3. Press the **YELLOW / BLUE** buttons to alter the function values.
4. Press the **STR** button after each adjustment has been made to store the required values.
5. To exit the Service Mode, press the **"N"** button.

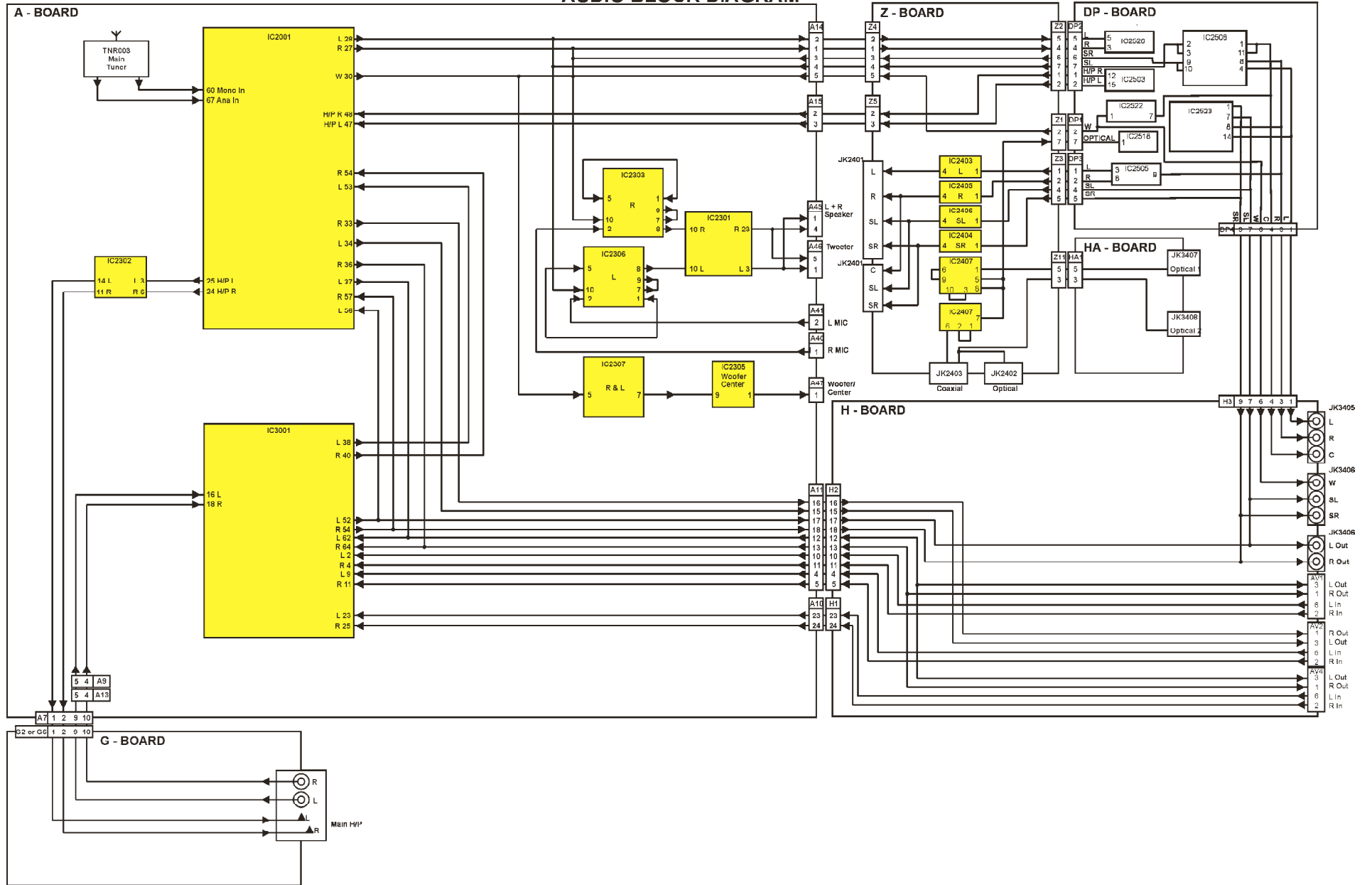
Alignment Function		Settings / Special features
Horizontal Position	H – Pos 97	Optimum setting.
Vertical Position	V – Pos 111	Optimum setting.
Horizontal Amplitude	H – Amp 86	Optimum setting.
Vertical Amplitude	V – Amp 134	Optimum setting.
Parabola	Parabola 26	Optimum setting.
Trapezoid	Trapezoid 124	Optimum setting.
Horizontal Parallel	H – Parallel 13	Optimum setting.
Vertical Linearity	V – Linear 34	Optimum setting.
Top Corner	Top – Corner 20	Optimum setting.
Bottom Corner	Bottom – Corner 20	Optimum setting.
Vertical Symmetry Correction	V – S – Correct 9	Optimum setting.
Center Correction	C – Correct 10	Optimum setting.
DAF - Phase	DAF – Phase 205	Optimum setting.
Highlight Lowlight	High 0144 0126 0128 Low 0331 0340 0384	Optimum setting.
Sub-Brightness	Sub-Brightness 144	Optimum setting.
Video Gain 2	Video Gain 2 157	Optimum setting.
Splitter Gain (Tuner)	SPL. Gain 0	Optimum setting.

VIDEO BLOCK DIAGRAM

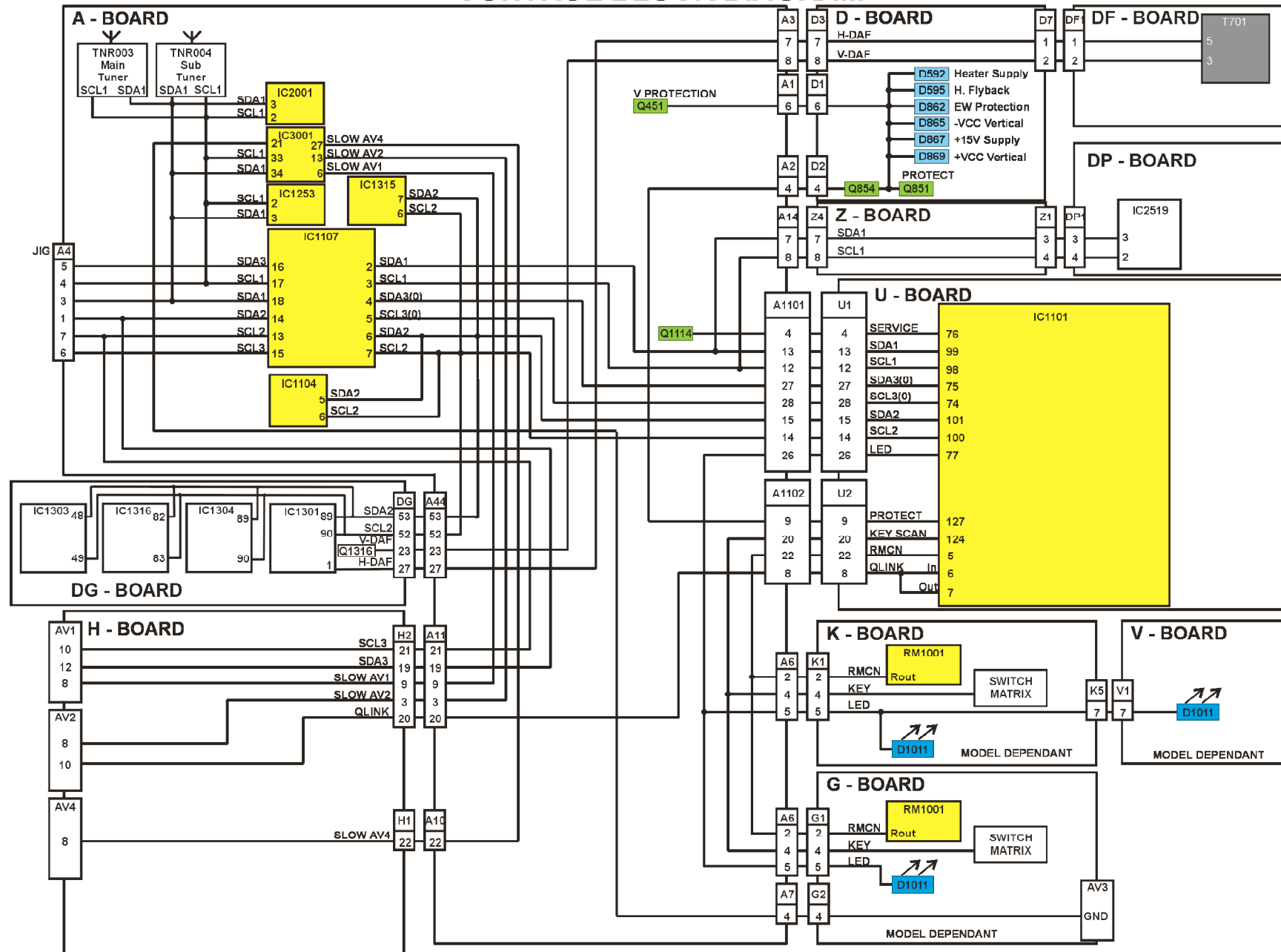
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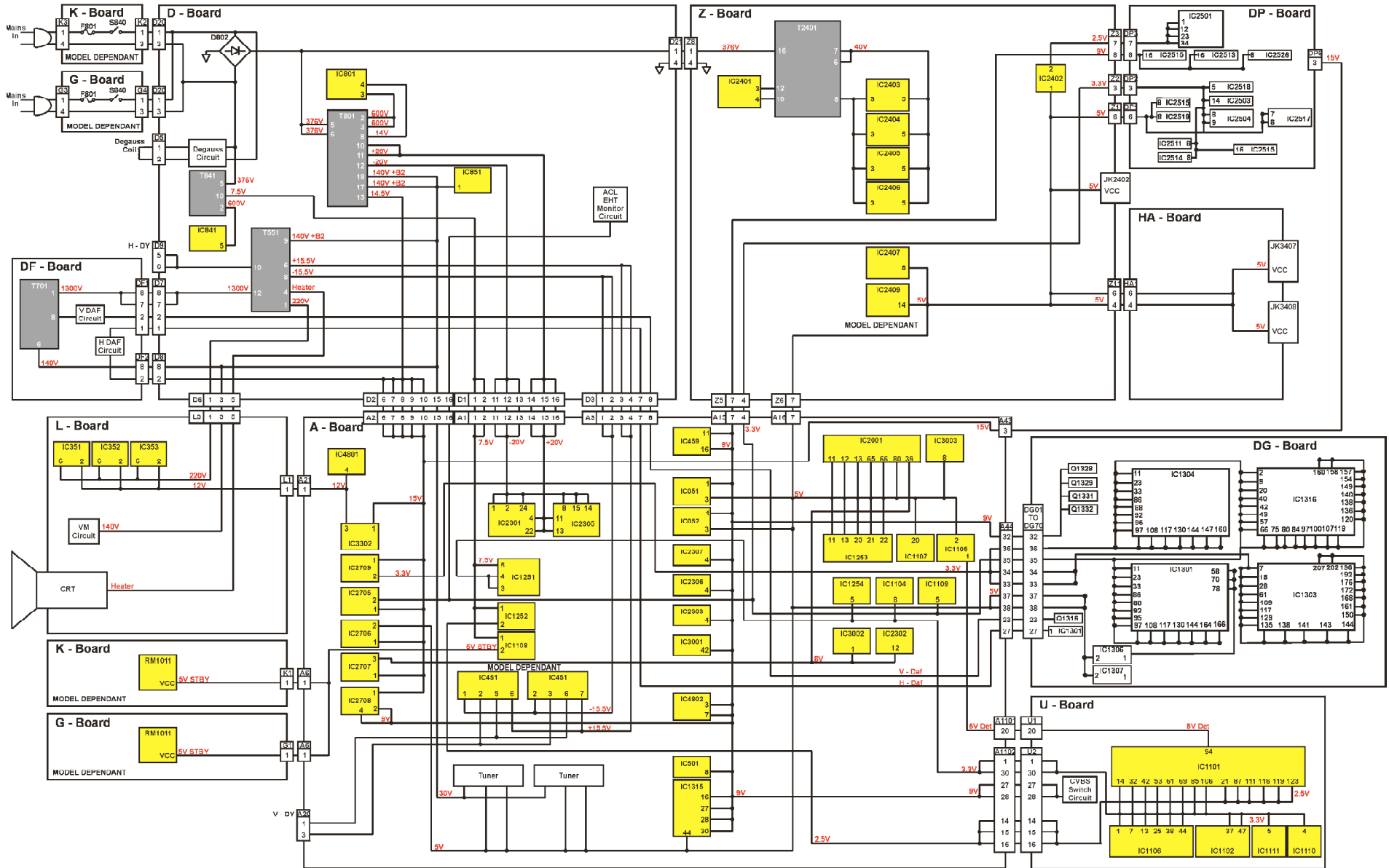
AUDIO BLOCK DIAGRAM



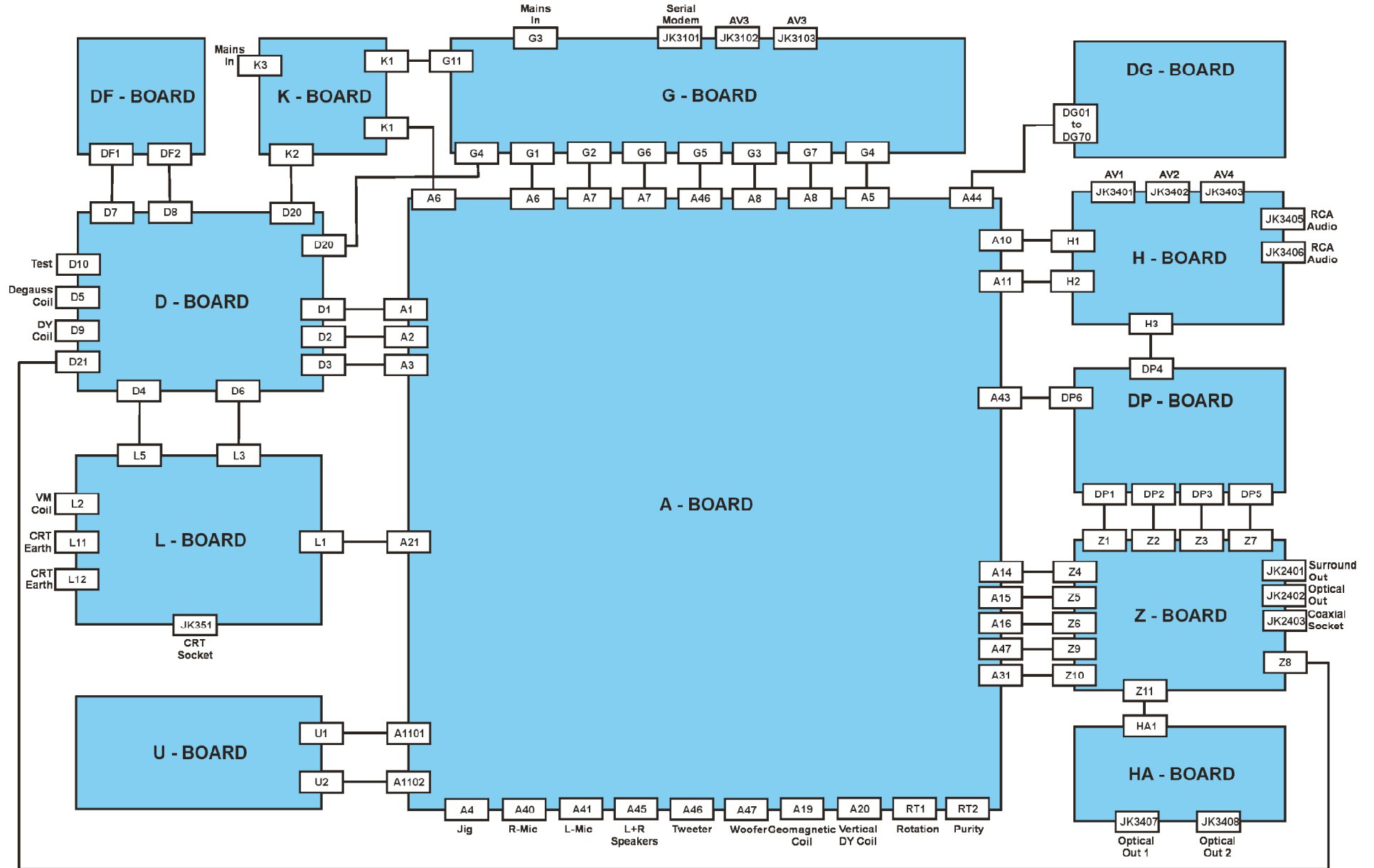
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POWER SUPPLY BLOCK DIAGRAM

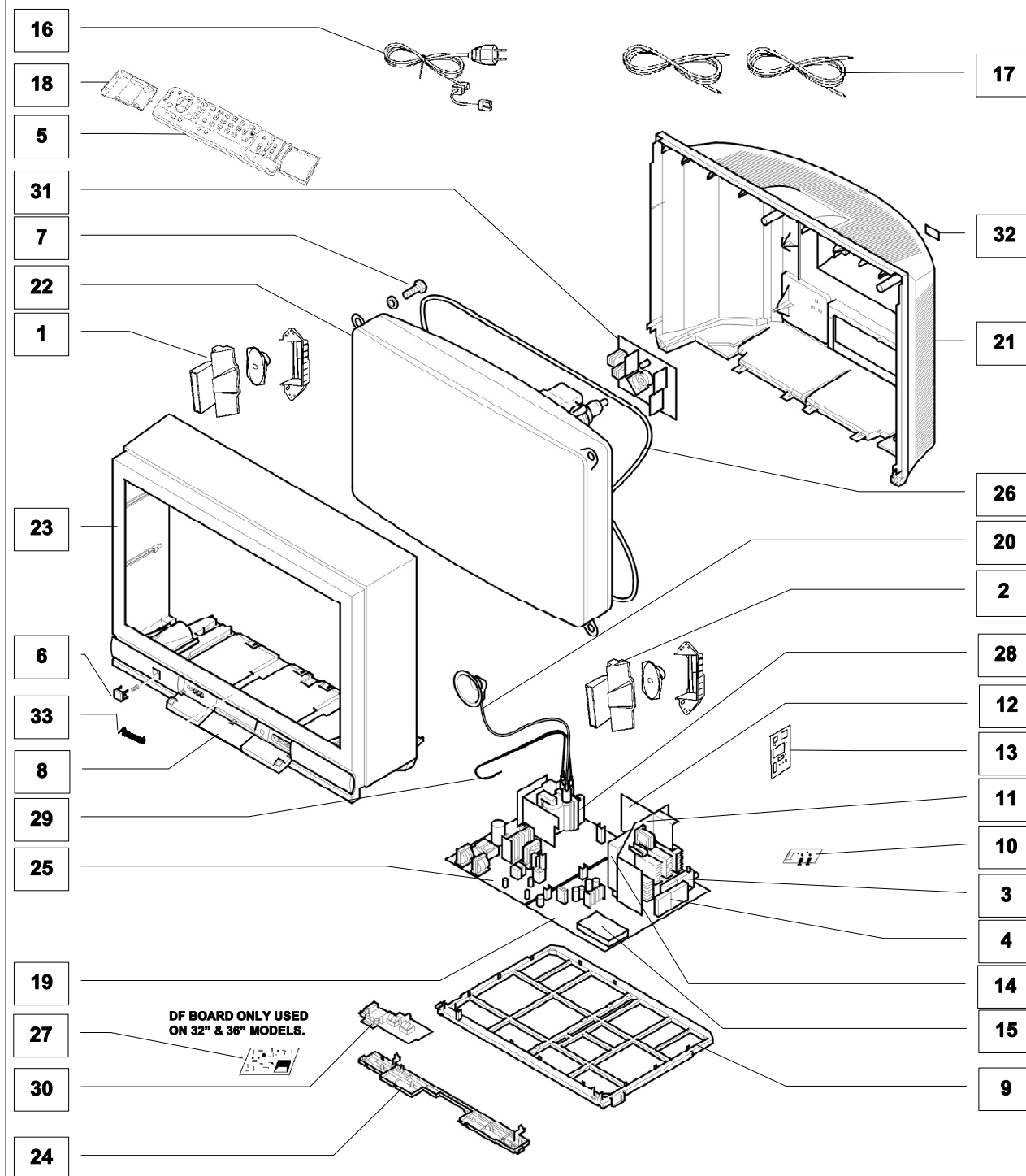


WIRING BLOCK DIAGRAM




PARTS LOCATION

NOTE:
The numbers on the exploded view below refer to the mechanical section of the Replacement Parts List.



REPLACEMENT PARTS LIST

Important Safety Notice

Components Identified by  mark have special characteristics important for safety.
 * When replacing any of these components, use only manufacturers specified parts.
 In case of ordering these spare parts, please always add the complete Model-Type number to your order.

Cct Ref	Parts Number	Description
COMMON PARTS		
EXPLODED VIEW		
1	EAB10108B2	SPEAKER
2	EABG12506C2	SPEAKER
3	ENG29507G	TUNER
4	ENG29C01G	TUNER
5	EUR511224	REMOTE CONTROL
6	TBX8E089	POWER BUTTON
7	THT1062	CRT FIXING SCREW
8	TKP8E1430	DOOR LID
9	TMX8E050	CHASSIS FRAME
10	TNP8EHA02AA	HA P.C.B.
11	TNP8EZ005AA	Z P.C.B.
12	TNPA1724	H P.C.B.
13	TNPA1727AG	DP P.C.B.
14	TNPA1965AB	DG P.C.B.
15	TNPA2042AS	U P.C.B.
16	TXASX01CRZG	AC CORD
17	TXJ/E50CQKG	SPEAKER WIRE
18	UR51EC904A	BATTERY COVER (REMOTE)
MISCELLANEOUS COMPONENTS		
.	EASG7D508B2	SPEAKER TWEETER
.	TBM8E2137	PRESET LABEL
.	TBM8E2172	AV LABEL
.	TKK8E026	SPEAKER REFLECTOR
.	TKP8E1323-1	AV COVER
.	TKP8E1431	LED WINDOW
.	UM-3DJ-2P	BATTERY PACK
I.C.s		
D354	TL431CLPM	REGULATOR
IC051	AN7805FLB	5V REGULATOR
IC351	TDA6111Q-N4	RGB OUTPUT
IC352	TDA6111Q-N4	RGB OUTPUT
IC353	TDA6111Q-N4	RGB OUTPUT
IC459	TC74HC221AF	MULTIVIBRATOR
IC501	NJM2903MTE1	AUDIO AMPLIFIER
IC801	STRF6656LF53	POWER SUPPLY
IC841	MIP0254SPSCF	POWER SUPPLY SWITCHING
IC851	SE140N	ERROR AMPLIFIER
IC1101	SDA6000-A23	MICRO PROCESSOR
IC1102	E2F6/010/05	EEPROM *
IC1105	S-80843ALY-Z	5V REGULATOR
IC1106	TVSA0500	SDRAM
IC1107	TC7MBD3245FK	CONVERTER
IC1108	AN78L05TA	5V REGULATOR
IC1109	PST9119NR	SYSTEM RESET

Cct Ref	Parts Number	Description
IC1251	SI-3033C	3.5V REGULATOR
IC1253	M62392FP70BC	D/A CONVERTER
IC1254	PST9128NR	RESET
IC1301	C1AB00001468	VIDEO PROCESSOR
IC1303	C1AB00001282	VIDEO PROCESSOR
IC1305	SDA9415	SCAN RATE CONVERTOR
IC1306	MM1065ZMR	3.3V REGULATOR
IC1307	MM1065ZMR	3.3V REGULATOR
IC1309	MM1065ZMR	3.3V REGULATOR
IC1310	TC7WH241FUEL	VIDEO LOGIC IC
IC1311	MM1065ZMR	3.3V REGULATOR
IC1312	NJM2904VTE1	AUDIO AMPLIFIER
IC1314	NJM2904MTE1	AUDIO AMPLIFIER
IC1315	AN5394FB	R.G.B. PROCESSOR
IC1316	MB87F1720	CIP
IC2001	MSP3410DQAC5	M.S.P.
IC2301	TDA7490	AUDIO AMPLIFIER
IC2302	AN7108	H.P. AMPLIFIER
IC2303	NJM2059MTE1	QUAD AMPLIFIER
IC2305	TDA7481	AUDIO AMPLIFIER
IC2306	NJM2059MTE1	QUAD AMPLIFIER
IC2307	NJM2059MTE1	QUAD AMPLIFIER
IC2401	STR10006-N	POWER SUPPLY
IC2403	TDA2030AV	AUDIO AMPLIFIER
IC2404	TDA2030AV	AUDIO AMPLIFIER
IC2405	TDA2030AV	AUDIO AMPLIFIER
IC2406	TDA2030AV	AUDIO AMPLIFIER
IC2407	TC7WU04FEL	INVERTER BUFFER IC
IC2409	TC74HC00AFEL	VIDEO IC
IC2501	CS493002-CLR	AUDIO DECODER IC
IC2502	CS8414-CSR	DIGITAL AUDIO RECEIVER
IC2503	CS4340-KSR	STEREO D/A CONVERTER
IC2504	CS4228-KSRB	AUDIO D/A & A/D
IC2505	TC74HC4066TL	INTERCHANNEL SWITCH IC
IC2506	TC74HC4066TL	INTERCHANNEL SWITCH IC
IC2508	TC74LCX574FL	ADDRESS BUFFER IC
IC2509	TC74LCX574FL	ADDRESS BUFFER IC
IC2510	C3ZBK0000011	4MBIT FLASH EPROM
IC2511	TC7WU04FEL	INVERTER BUFFER IC
IC2512	TC7MBD3245FK	CONVERTER
IC2513	CXA1315M-T4	D/A CONVERTER IC
IC2515	CXA1315M-T4	D/A CONVERTER IC
IC2516	TC7WH74FUEL	D TYPE F.F. LOGIC IC
IC2517	TC7WH241FUEL	VIDEO LOGIC IC
IC2518	TC7SH00FEL	2 INPUT NAND GATE IC
IC2519	TC7MBD3245FK	CONVERTER
IC2520	BA15218F-E2	AMPLIFIER
IC2521	AN6554NSF-E2	OPERATIONAL AMPLIFIER
IC2522	C0ABBB000102	OPERATIONAL AMPLIFIER
IC2523	AN6554NSF-E2	OPERATIONAL AMPLIFIER
IC2524	AN78L12M-E1	12V REGULATOR
IC2526	C0ABBB000102	OPERATIONAL AMPLIFIER
IC2527	M5222FP-E2	DUAL VCA (AMPLIFIER)

Cct Ref	Parts Number	Description
IC2528	M5222FP-E2	DUAL VCA (AMPLIFIER)
IC2529	M5222FP-E2	DUAL VCA (AMPLIFIER)
IC2705	PQ1CG21H2RZ	REGULATOR
IC2706	PQ1CG21H2RZ	REGULATOR
IC2707	AN7808LB	8V REGULATOR
IC2708	SI-8090K	POWER SUPPLY
IC2709	PQ1CG21H2RZ	REGULATOR
IC3001	CXA2069Q-TL	SWITCHING
IC3002	TDA8601T/C1	12V REGULATOR
IC3003	CXA1211M-T4	VIDEO AMPLIFIER
IC3302	L78M12MRB	12V REGULATOR
IC4801	AN6564NS-E1	OPERATIONAL AMPLIFIER
IC4802	PUB4301	GEOMAGNETIC CORRECTION
RM1001	RPM6937	LED RECEIVER
FUSES		
F801-1	EYF52BC	FUSE HOLDER
F801-2	EYF52BC	FUSE HOLDER
F801	XBA2C50TH15	FUSE
DIODES		
D001	MA4020	DIODE
D002	MA4020	DIODE
D003	MA3150HTX	DIODE
D004	MA3150HTX	DIODE
D010	MA152KTX	DIODE
D051	MA4020	DIODE
D052	MA4020	DIODE
D053	MA152KTX	DIODE
D351	ERA15-04V3	DIODE
D352	ERA15-04V3	DIODE
D353	MA3110LTX	DIODE
D355	ERA15-04V3	DIODE
D356	ERA15-04V3	DIODE
D358	MA151ATX	DIODE
D360	ERA15-02V3	DIODE
D361	MA151ATX	DIODE
D362	MA151ATX	DIODE
D363	MA151ATX	DIODE
D364	MA3130MTX	DIODE
D365	MA3130MTX	DIODE
D366	MA3130MTX	DIODE
D367	MA3051HTX	DIODE
D368	MA3051HTX	DIODE
D369	MA3051HTX	DIODE
D383	ERA15-04V3	DIODE
D385	ERA22-04V3	DIODE
D386	ERA15-04V3	DIODE
D389	ERA15-04V3	DIODE
D452	MA152KTX	DIODE
D453	EU02AV1	DIODE
D454	MA152KTX	DIODE
D455	MA152KTX	DIODE
D456	ERA22-02V3	DIODE
D465	MA3039HTX	DIODE
D502	MA4150TA	DIODE
D503	ERA81004V3	DIODE
D504	D1NL40V70	DIODE
D553	MA167TA5	DIODE
D554	EU02	DIODE
D555	RH3GLF102	DIODE
D557	MA1033MTA	DIODE
D558	AU02V0	DIODE
D559	FMV-3GULF730	DIODE
D560	MA165TA5	DIODE
D562	MA182TA	DIODE
D570	RU3ANV1	DIODE
D580	MA4360	DIODE

Cct Ref	Parts Number	Description
D591	MA165TA5	DIODE
D592	MA4104	DIODE
D593	ERA15-02V3	DIODE
D594	MA165TA5	DIODE
D595	MA4360MTA	DIODE
D701	D1NL40V70	DIODE
D802	D6SB80LF-B	DIODE
D805	MA2240-BLFS	DIODE
D809	MA2082-ALFS	DIODE
D811	MA2082-ALFS	DIODE
D819	ERA22-04V3	DIODE
D820	ERA22-04V3	DIODE
D821	ERA22-04V3	DIODE
D823	PC123FY2	DIODE
D825	232266296706	THERMISTOR
D826	232266296706	THERMISTOR
D843	ERC0510V1	DIODE
D844	TVSSR2KL	DIODE
D845	RY24V1	DIODE
D847	ERA22-10	DIODE
D848	PC123FY2	DIODE
D851	FMGG26S	DIODE
D852	MA4030LTA	DIODE
D853	RU2AMLFA1	DIODE
D854	RU2AMLFA1	DIODE
D855	FMGG2CS	DIODE
D856	EU02	DIODE
D857	FMGG26S	DIODE
D858	MA165TA5	DIODE
D859	MA165TA5	DIODE
D861	MA165TA5	DIODE
D862	MA4360MTA	DIODE
D865	MA165TA5	DIODE
D867	MA165TA5	DIODE
D869	MA165TA5	DIODE
D881	MA165TA5	DIODE
D885	MA4056HTA	DIODE
D886	MA165TA5	DIODE
D887	MA165TA5	DIODE
D888	EU02	DIODE
D891	ERC0510V1	DIODE
D953	R2KNLFA1	DIODE
D961	MA152KTX	DIODE
D1011	LNH201RFCF6	LED
D1012	MTZJT-775.1C	DIODE
D1152	MA152KTX	DIODE
D1153	MA152KTX	DIODE
D1302	MA152KTX	DIODE
D1305	MA704ATX	DIODE
D1306	MA3062MTX	DIODE
D1307	MA3091MTX	DIODE
D1308	MA152KTX	DIODE
D1309	MA152KTX	DIODE
D1310	MA3062MTX	DIODE
D1311	MA3062MTX	DIODE
D1312	MA3062MTX	DIODE
D1313	MA3043MTX	DIODE
D1315	MA3043MTX	DIODE
D2040	MA152KTX	DIODE
D2041	MA152KTX	DIODE
D2048	MA152KTX	DIODE
D2301	TVSRM26V1	DIODE
D2302	MTZJT-775.6B	DIODE
D2305	MA3047MTX	DIODE
D2306	MA29TA5	DIODE
D2311	MA1180HTA	DIODE

Cct Ref	Parts Number	Description
D2312	MA3130MTX	DIODE
D2313	MA152KTX	DIODE
D2314	MA152KTX	DIODE
D2316	MA152KTX	DIODE
D2401	MA4200MTA	DIODE
D2402	D5L60F4015	DIODE
D2403	TVSEH1LF-F7	DIODE
D2404	MTZJT-778.2A	DIODE
D2405	EU02	DIODE
D2406	EU02	DIODE
D2407	EG01CV0	DIODE
D2410	EU02	DIODE
D2411	FMGG26S	DIODE
D2431	MA167TA5	DIODE
D2432	MA167TA5	DIODE
D2433	MA167TA5	DIODE
D2434	MA167TA5	DIODE
D2435	MA167TA5	DIODE
D2436	MA167TA5	DIODE
D2437	MA167TA5	DIODE
D2438	MA167TA5	DIODE
D2501	MA152KTX	DIODE
D2509	MA152KTX	DIODE
D2510	MA152KTX	DIODE
D2520	MA152KTX	DIODE
D2521	MA152KTX	DIODE
D2711	RK34LFC4	DIODE
D2712	AK04V0	DIODE
D2713	RK34LFC4	DIODE
D2714	RK34LFC4	DIODE
D2715	MA29TA5	DIODE
D3003	MA3091LTX	DIODE
D3004	MA3091LTX	DIODE
D3103	MA165TA5	DIODE
D3104	MA165TA5	DIODE
D3401	MA165TA5	DIODE
D3402	MA165TA5	DIODE
TRANSISTORS		
IC2514	TC7WH157FUEL	TRANSISTOR
Q002	BC857B	TRANSISTOR
Q052	BC857B	TRANSISTOR
Q369	BC857B	TRANSISTOR
Q451	BC847B	TRANSISTOR
Q460	BC847B	TRANSISTOR
Q461	BC847B	TRANSISTOR
Q462	BC847B	TRANSISTOR
Q501	2SK2962TPE6	TRANSISTOR
Q551	2SC5591000RK	TRANSISTOR
Q552	2SC1473ATA	TRANSISTOR
Q703	2SK2538000LB	TRANSISTOR
Q805	2SK2123000LB	TRANSISTOR
Q851	2SA1018QTA	TRANSISTOR
Q854	2SC3311ATA	TRANSISTOR
Q874	2SA684R	TRANSISTOR
Q875	2SA720-RS	TRANSISTOR
Q881	2SC3311ATA	TRANSISTOR
Q882	2SC3311ATA	TRANSISTOR
Q883	2SC1317-TA	TRANSISTOR
Q902	BC847B	TRANSISTOR
Q903	BC847B	TRANSISTOR
Q908	BC847B	TRANSISTOR
Q951	BC857B	TRANSISTOR
Q952	BC847B	TRANSISTOR
Q953	BC847B	TRANSISTOR
Q954	BC857B	TRANSISTOR
Q955	2SA1535ARLB	TRANSISTOR

Cct Ref	Parts Number	Description
Q956	2SC3944ARLB	TRANSISTOR
Q1003	2SC3311ATA	TRANSISTOR
Q1107	BC847B	TRANSISTOR
Q1108	BC847B	TRANSISTOR
Q1109	BC847B	TRANSISTOR
Q1110	BC847B	TRANSISTOR
Q1111	BC847B	TRANSISTOR
Q1112	BC847B	TRANSISTOR
Q1113	BC847B	TRANSISTOR
Q1114	BC847B	TRANSISTOR
Q1115	BC847B	TRANSISTOR
Q1121	BC847B	TRANSISTOR
Q1122	BC847B	TRANSISTOR
Q1125	BC847B	TRANSISTOR
Q1301	BC847B	TRANSISTOR
Q1302	BC847B	TRANSISTOR
Q1303	BC847B	TRANSISTOR
Q1305	BC847B	TRANSISTOR
Q1306	BC857B	TRANSISTOR
Q1307	XN5601TX	TRANSISTOR
Q1308	BC857B	TRANSISTOR
Q1309	BC857B	TRANSISTOR
Q1311	BC857B	TRANSISTOR
Q1312	BC857B	TRANSISTOR
Q1313	BC857B	TRANSISTOR
Q1314	BC857B	TRANSISTOR
Q1315	BC857B	TRANSISTOR
Q1316	BC857B	TRANSISTOR
Q1318	BC857B	TRANSISTOR
Q1319	BC857B	TRANSISTOR
Q1320	BC857B	TRANSISTOR
Q1321	BC857B	TRANSISTOR
Q1322	BC857B	TRANSISTOR
Q1323	BC857B	TRANSISTOR
Q1324	BC857B	TRANSISTOR
Q1326	BC857B	TRANSISTOR
Q1327	2SK198RTX	TRANSISTOR
Q1328	BC847B	TRANSISTOR
Q1329	2SK198RTX	TRANSISTOR
Q1331	2SK198RTX	TRANSISTOR
Q1336	BC857B	TRANSISTOR
Q1340	BC847B	TRANSISTOR
Q1342	BC847B	TRANSISTOR
Q2002	BC857B	TRANSISTOR
Q2003	BC857B	TRANSISTOR
Q2004	BC857B	TRANSISTOR
Q2005	BC857B	TRANSISTOR
Q2006	BC847B	TRANSISTOR
Q2007	BC847B	TRANSISTOR
Q2008	BC847B	TRANSISTOR
Q2040	BC847B	TRANSISTOR
Q2041	BC847B	TRANSISTOR
Q2042	BC847B	TRANSISTOR
Q2043	BC847B	TRANSISTOR
Q2213	BC847B	TRANSISTOR
Q2214	BC847B	TRANSISTOR
Q2215	BC847B	TRANSISTOR
Q2216	BC847B	TRANSISTOR
Q2301	BC847B	TRANSISTOR
Q2302	BC847B	TRANSISTOR
Q2303	BC847B	TRANSISTOR
Q2307	BC847B	TRANSISTOR
Q2308	BC857B	TRANSISTOR
Q2309	BC847B	TRANSISTOR
Q2310	BC847B	TRANSISTOR
Q2311	BC847B	TRANSISTOR

Cct Ref	Parts Number	Description
Q2402	2SA684R	TRANSISTOR
Q2403	2SA720-RS	TRANSISTOR
Q2431	BC847B	TRANSISTOR
Q2432	BC847B	TRANSISTOR
Q2433	BC847B	TRANSISTOR
Q2434	BC847B	TRANSISTOR
Q2437	2SK198RTX	TRANSISTOR
Q2438	2SK198RTX	TRANSISTOR
Q2439	2SK198RTX	TRANSISTOR
Q2440	2SK198RTX	TRANSISTOR
Q2441	BC857B	TRANSISTOR
Q2503	BC847B	TRANSISTOR
Q2506	BC847B	TRANSISTOR
Q2507	BC847B	TRANSISTOR
Q2508	BC847B	TRANSISTOR
Q2509	BC847B	TRANSISTOR
Q2510	BC857B	TRANSISTOR
Q2511	BC847B	TRANSISTOR
Q2512	BC847B	TRANSISTOR
Q2513	BC847B	TRANSISTOR
Q3001	BC847B	TRANSISTOR
Q3002	BC847B	TRANSISTOR
Q3006	BC857B	TRANSISTOR
Q3007	BC847B	TRANSISTOR
Q3011	BC847B	TRANSISTOR
Q3071	BC847B	TRANSISTOR
Q3072	BC847B	TRANSISTOR
Q3130	BC847B	TRANSISTOR
Q3131	BC857B	TRANSISTOR
Q3132	BC847B	TRANSISTOR
Q3401	BC857B	TRANSISTOR
Q3410	BC847B	TRANSISTOR
Q3411	BC847B	TRANSISTOR
Q3807	BC847B	TRANSISTOR
Q3808	BC847B	TRANSISTOR
TRANSFORMERS		
L810	ETQR45T001A	TRANSFORMER
T501	ETH19Y187AY	TRANSFORMER
T801	ETS39AG296AC	TRANSFORMER
T841	ETS19AB1G6AG	TRANSFORMER
T2401	ETS35AA457AD	TRANSFORMER
COILS		
L002	ELESN2R2KA	COIL
L003	ELESN2R2KA	COIL
L004	EXCELD35V	COIL
L008	EXCELD35V	COIL
L009	EXCELD35V	COIL
L053	EXCELD35V	COIL
L055	ELESN2R2KA	COIL
L056	ELESN2R2KA	COIL
L351	EXCELSA24T	COIL
L381	ELESN6R8JA	COIL
L382	ELESN4R7KA	COIL
L383	ELESN4R7KA	COIL
L387	EXCELD35V	COIL
L559	EXCELD35C	COIL
L560	EXCELD35V	COIL
L561	EXCELD35C	COIL
L563	EXCELSA39V	COIL
L568	EXCELD35C	COIL
L571	EXCELD35C	COIL
L701	TALFP15B152K	COIL
L703	EXCELSA35T	COIL
L704	EXCELD35V	COIL
L812	EXCELSA39V	COIL
L815	EXCELSA39V	COIL



Cct Ref	Parts Number	Description
L818	EXCELSA39V	COIL
L860	TALL08T100KA	COIL
L862	TALL08T680KA	COIL
L874	EXCELSA35T	COIL
L877	EXCELSA35T	COIL
L883	TALL08T181KA	COIL
L890	ELF18D486D	COIL
L891	ELF18D486D	COIL
L895	EXCELSA35T	COIL
L904	TLT560K991R	COIL
L953	EXCELSA35T	COIL
L954	EXCELSA35T	COIL
L956	EXCELSA35T	COIL
L1103	TALC325T4R7M	COIL
L1104	TALC325T4R7M	COIL
L1106	ELESN4R7KA	COIL
L1107	TALC325T4R7M	COIL
L1108	TALC325T4R7M	COIL
L1109	TALC325T4R7M	COIL
L1110	TALC325T4R7M	COIL
L1112	EXCELD35V	COIL
L1115	TALC325T3R3M	COIL
L1116	TALC325T4R7M	COIL
L1300	TALC325T4R7M	COIL
L1303	TALC168T2R2K	COIL
L1304	TALC325T4R7M	COIL
L1305	TALC168T3R3K	COIL
L1306	TALC325T4R7M	COIL
L1308	TALC325T100K	COIL
L1309	TALC325T4R7M	COIL
L1310	TALC325T4R7M	COIL
L1311	TALC325T4R7M	COIL
L1312	EXCELD35V	COIL
L1313	TALC325T4R7M	COIL
L1314	TALC325T4R7M	COIL
L1315	TALC325T4R7M	COIL
L1316	TALC325T4R7M	COIL
L1317	TALC168T6R8K	COIL
L1318	TALC325T4R7M	COIL
L1319	TALC325T4R7M	COIL
L1320	TALC325T100K	COIL
L1321	TALC325T4R7M	COIL
L1322	EXCELD35V	COIL
L1323	TALC325T4R7M	COIL
L1324	TALC325T4R7M	COIL
L1328	TALC325T4R7M	COIL
L1330	TALC325T4R7M	COIL
L2001	EXCELD35V	COIL
L2002	EXCELD35V	COIL
L2004	TLT068K991R	COIL
L2007	EXCELD35V	COIL
L2008	EXCELD35V	COIL
L2009	TALC325T4R7M	COIL
L2010	TALC325T4R7M	COIL
L2278	EXCELSA35T	COIL
L2301	TALL08T100KA	COIL
L2302	TALL08T100KA	COIL
L2303	TAL10RP390LB	COIL
L2305	TAL10RP390LB	COIL
L2308	TALL08T270KA	COIL
L2309	TAL10RP390LB	COIL
L2311	ELESN101KA	COIL
L2312	TALL08T100KA	COIL
L2313	TALL08T100KA	COIL
L2314	EXCELD35V	COIL
L2316	EXCELD35V	COIL



Cct Ref	Parts Number	Description
L2319	EXCELD35V	COIL
L2320	EXCELD35V	COIL
L2321	EXCELD35V	COIL
L2322	EXCELD35V	COIL
L2323	EXCELD35V	COIL
L2324	EXCELD35V	COIL
L2325	EXCELD35V	COIL
L2406	EXCELD35V	COIL
L2407	EXCELSA35T	COIL
L2409	EXCELSA35T	COIL
L2410	EXCELSA35T	COIL
L2412	EXCELSA35T	COIL
L2414	EXCELD35V	COIL
L2431	TALL08T270KA	COIL
L2432	TALL08T270KA	COIL
L2433	TALL08T270KA	COIL
L2434	TALL08T270KA	COIL
L2435	TALL08T270KA	COIL
L2436	TALL08T270KA	COIL
L2437	TALL08T270KA	COIL
L2438	TALL08T270KA	COIL
L2440	EXCEMT271BT	COIL
L2445	EXCELD35V	COIL
L2510	TALC325T1R5M	COIL
L2511	TLK212T256AL	COIL
L2515	TLTACT101J	COIL
L2523	ELEBR6R8KA	COIL
L2524	ELEBR6R8KA	COIL
L2527	EXCELSA35T	COIL
L2703	EXCELD35V	COIL
L2704	TALL08T330KA	COIL
L2705	EXCELD35V	COIL
L2706	TAL10RP151LB	COIL
L2707	EXCELD35V	COIL
L2708	EXCELD35V	COIL
L2709	TLPF095	COIL
L2710	EXCELD35V	COIL
L2712	TAL10RP151LB	COIL
L2713	EXCELD35V	COIL
L2714	EXCELD35V	COIL
L2715	EXCELD35V	COIL
L2716	TALL08T330KA	COIL
L2717	TALL08T330KA	COIL
L2718	TLPF095	COIL
L2719	TLPF095	COIL
L2722	EXCELD35V	COIL
L2724	EXCELD35V	COIL
L2725	EXCELD35V	COIL
L2727	EXCELD35V	COIL
L2729	EXCELD35V	COIL
L2730	EXCELD35V	COIL
L2732	EXCELD35V	COIL
L2734	EXCELD35V	COIL
L2735	EXCELD35V	COIL
L3004	ELESN4R7KA	COIL
L3050	ELESN221KA	COIL
L3401	EXCELSA35T	COIL
L3402	EXCELSA35T	COIL
L3403	EXCELD35V	COIL
L3404	EXCELD35V	COIL
L3405	EXCELD35V	COIL
L3406	EXCELD35V	COIL
L3407	EXCELD35V	COIL
L3408	EXCELD35V	COIL
L3409	EXCELD35V	COIL
L3410	EXCELD35V	COIL

Cct Ref	Parts Number	Description
L3411	EXCELD35V	COIL
L3412	EXCELD35V	COIL
L3413	EXCELD35V	COIL
L3414	EXCELD35V	COIL
L3415	EXCELD35V	COIL
L3416	EXCELSA35T	COIL
L3417	EXCELSA35T	COIL
L3418	EXCELSA35T	COIL
L3419	EXCELSA35T	COIL
L3420	ELESN4R7KA	COIL
L3424	EXCELD25V	COIL
L3450	TLT470K991R	COIL
L3451	TLT470K991R	COIL
L4801	EXCELD35V	COIL
L4802	EXCELD35V	COIL
L4803	EXCELD35V	COIL
L4804	EXCELD35V	COIL
LC1101	TLK212T256AL	COIL
LC1102	TLK212T256AL	COIL
LC1104	TLK212T256AL	COIL
LC1105	TLK212T256AL	COIL
LC1106	TLK212T256AL	COIL
LC1110	TLK212T256AL	COIL
LC1111	TLK212T256AL	COIL
LC1112	TLK212T256AL	COIL
LC1113	TLK212T256AL	COIL
LC1114	TLK20LFA224M	COIL
LC1115	TLK20LFA103M	COIL
LC1116	TLK20LFA103M	COIL
LC1117	TLK20LFA103M	COIL
LC1118	TLK20LFA103M	COIL
LC1119	TLK20LFA103M	COIL
LC1120	TLK20LFA103M	COIL
LC1121	TLK20LFA224M	COIL
LC1122	TLK20LFA224M	COIL
LC1123	TLK20LFA224M	COIL
LC1124	TLK20LFA224M	COIL
LC1125	TLK20LFA103M	COIL
LC1126	TLK20LFA103M	COIL
LC1127	TLK20LFA103M	COIL
LC1128	TLK20LFA103M	COIL
LC1130	TLK20LFA103M	COIL
LC1131	TLK20LFA103M	COIL
LC1132	TLK20LFA103M	COIL
LC1133	TLK20LFA103M	COIL
LC1134	TLK20LFA103M	COIL
LC1135	TLK212T256AL	COIL
LC1136	TLK20LFA103M	COIL
LC1137	TLK20LFA103M	COIL
LC1138	TLK20LFA103M	COIL
LC1139	TLK20LFA103M	COIL
LC1140	TLK212T256AL	COIL
LC1141	TLK20LFA103M	COIL
LC1142	TLK20LFA103M	COIL
LC1143	TLK20LFA103M	COIL
LC1144	TLK212T256AL	COIL
LC1145	TLK212T256AL	COIL
LC1146	TLK212T256AL	COIL
FILTERS		
L893	ELF24V032B	FILTER
L894	ELF24V034A	FILTER
LC1107	ELKE103FA	FILTER
LC1108	ELKE103FA	FILTER
LC1109	ELKE103FA	FILTER
LC1147	ELKE103FA	FILTER
LC1329	ELKE103FA	FILTER

Cct Ref	Parts Number	Description
LC1330	ELKE103FA	FILTER
LC1331	ELKE103FA	FILTER
LC1332	ELKE103FA	FILTER
LC1333	ELKE103FA	FILTER
LC1343	QJT1090	EMI FILTER
LC1344	QJT1090	EMI FILTER
X101	EFCT6504BF	FILTER
X102	EFCT7004BF	CERAMIC FILTER
CRYSTALS		
X1301	TSSA171	CRYSTAL
X1302	TSSA171	CRYSTAL
X2101	TSSA128	CRYSTAL
X2501	TSSA172	CRYSTAL
X3501	HOJ600400006	CRYSTAL
RESISTORS		
C025	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
C572	ERD25TC0T	CARBON 0.25W 5% 0 Ω
D842	ERZV10D621CS	VARISTOR 10W 20% 620 Ω
JA1	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA2	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA3	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA3	ERJ8GEY0R00	S.M.CARB .125W 5% 0 Ω
JA4	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA5	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA6	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA7	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA8	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA9	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA10	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA11	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA12	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA13	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA14	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA15	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA16	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA17	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA18	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA19	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA20	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA21	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA22	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA23	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA24	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA25	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA26	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA27	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA28	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA29	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA30	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA31	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA32	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA33	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA34	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA35	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA36	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA37	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA38	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA39	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA40	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA41	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA42	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA43	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JHA2	ERJ8GEY0R00	S.M.CARB .125W 5% 0 Ω
JHA3	ERJ8GEY0R00	S.M.CARB .125W 5% 0 Ω
JSA3	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA18	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω



Cct Ref	Parts Number	Description
JSA19	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA20	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA21	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA22	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA27	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA28	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA31	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA33	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA34	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA35	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA36	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA42	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA45	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA46	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA47	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA48	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA52	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA53	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA55	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA57	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA59	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA62	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA64	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA65	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA66	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA67	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA69	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA71	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA74	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA75	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA84	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA89	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA90	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA101	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSA104	ERD25TC0T	CARBON 0.25W 5% 0 Ω
JSDG1	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG2	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG3	ERJ3GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG4	ERJ3GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG5	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG6	ERJ3GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG7	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG8	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG9	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG11	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG12	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG13	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG16	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG17	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG18	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG19	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG20	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG21	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG22	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG23	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG24	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG25	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG26	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG27	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG28	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG29	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG30	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG31	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG32	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG35	ERJ3GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JSDG36	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω












Cct Ref	Parts Number	Description			
JSDG55	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG56	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG57	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG58	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG59	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG60	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG61	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG62	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG63	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG64	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG65	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG66	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG67	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG68	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG69	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG70	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG71	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG72	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG73	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG74	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG75	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG76	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG77	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG78	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG79	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG80	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG81	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG82	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG83	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG84	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG85	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG86	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG87	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG88	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG100	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG103	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG104	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG105	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG106	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG107	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG108	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG109	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG110	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG200	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG201	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG202	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG203	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG230	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG231	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG232	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG233	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG234	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG235	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG236	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG237	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG238	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG239	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG240	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG241	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG242	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG243	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP1	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP2	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP4	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP5	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
JSDP6	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP8	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP11	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP12	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP13	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP14	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP17	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP18	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP19	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP20	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP21	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP25	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP31	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP32	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP35	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP40	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP47	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDP48	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH1	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH2	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH3	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH8	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH9	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSL10	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSL14	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSU3	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSZ2	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSZ3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSZ4	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSZ11	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
L1101	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L1307	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2307	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2315	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2317	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2318	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L3002	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L3003	ERD25TC0T	CARBON	0.25W	5%	0 Ω
R001	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R002	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R003	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R005	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R008	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R052	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R053	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R055	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R056	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R057	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R059	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω
R060	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω
R064	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R351	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R352	ERJ6ENF1801	S.M.CARB	0.1W	1%	1.8K Ω
R354	ERG3FJS823	METAL	3W	5%	82K Ω
R355	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R356	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R357	ERC12GK471C	SOLID	0.5W	5%	470 Ω
R360	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R361	ERJ6ENF1801	S.M.CARB	0.1W	1%	1.8K Ω
R362	ERG3FJS823	METAL	3W	5%	82K Ω
R364	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R365	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R366	ERC12GK561	SOLID	0.5W	10%	560 Ω
R370	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω

Cct Ref	Parts Number	Description			
R371	ERJ6ENF1801	S.M.CARB	0.1W	1%	1.8K Ω
R373	ERG3FJ823	METAL	3W	5%	82K Ω
R374	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R375	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R376	ERC12GK561	SOLID	0.5W	10%	560 Ω
R382	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R385	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K Ω
R387	ERDS1TJ471	CARBON	0.5W	5%	470 Ω
R453	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R454	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R455	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R456	ERG3FJ221	METAL	3W	5%	220 Ω
R457	ERJ6ENF7151	S.M.CARB	0.1W	1%	7K15 Ω
R458	ERJ6ENF3481	S.M.CARB	0.1W	1%	3K48 Ω
R459	ERJ6ENF9531	S.M.CARB	0.1W	1%	9K53 Ω
R460	ERJ6ENF3011	S.M.CARB	0.1W	1%	300 Ω
R461	ERDS1FJ1R0	CARBON	0.5W	5%	1 Ω
R462	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R463	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56K Ω
R464	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R465	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R467	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R468	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220K Ω
R469	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R470	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R471	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R472	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R475	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R507	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R508	ERD25TJ271	CARBON	0.25W	5%	270 Ω
R510	ERG1FJS561	METAL	1W	5%	560 Ω
R511	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R512	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R513	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R514	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R551	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R552	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R557	ERO50PKF2802	METAL	0.5W	1%	8K Ω
R564	ERO25CKF1002	METAL	0.25W	1%	10K Ω
R566	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R569	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R570	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R577	ERG3FJ331	METAL	3W	5%	330 Ω
R578	ERG3FJ331	METAL	3W	5%	330 Ω
R580	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R584	ERD25TJ272F	CARBON	0.25W	5%	2K7 Ω
R592	ERO25TKF1132	METAL	0.25W	1%	1K13 Ω
R593	ERQ14AJW100	FUSIBLE	0.25W	5%	10 Ω
R594	ERD25TJ334	CARBON	0.25W	5%	330K Ω
R647	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68 Ω
R652	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R653	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R654	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R655	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R656	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R657	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R658	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R705	ERF5ZJ471	WOUND	5W	5%	470 Ω
R714	ERDS1FJ680	CARBON	0.5W	5%	68 Ω
R719	ERF5AK4R7	WOUND	5W	1%	4R7 Ω
R779	ERJ6ENF1152	S.M.CARB	0.1W	1%	1K5 Ω
R780	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R781	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R782	ERDS2TJ391T	CARBON	2W	5%	390 Ω
R783	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8 Ω
R801	ERF7ZK2R7	WOUND	7W	20%	2R7 Ω

Cct Ref	Parts Number	Description			
R803	ERG3FJS183	METAL	3W	5%	18K Ω
R804	ERG3FJS183	METAL	3W	5%	18K Ω
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω
R807	ERC14GK824C	SOLID	0.25W	10%	820K Ω
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω
R815	ERDS1TJ151	CARBON	0.5W	5%	150 Ω
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω
R820	ERDS2TJ562	CARBON	2W	5%	5.6K Ω
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω
R837	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω
R839	ERD75TAJ825	CARBON	0.75W	5%	8M2 Ω
R841	ERF2AJ560	WOUND	2W	5%	56 Ω
R842	ERG1FJS104	METAL	1W	5%	100K Ω
R843	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R851	ERDS1TJ153	CARBON	0.5W	5%	15K Ω
R853	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R854	ERDS1TJ333	CARBON	0.5W	5%	33K Ω
R855	ERDS2TJ821T	CARBON	2W	5%	820 Ω
R856	ERDS2TJ562	CARBON	2W	5%	5.6K Ω
R857	ERF7ZK2R2	WOUND	7W	10%	2R2 Ω
R859	ERDS2TJ333T	CARBON	2W	5%	33K Ω
R860	ERDS1TJ182	CARBON	0.5W	10%	1K8 Ω
R861	ERDS1FJ1R0	CARBON	0.5W	5%	1 Ω
R862	ERDS1FJ1R0	CARBON	0.5W	5%	1 Ω
R863	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R867	ERG3FJS153	METAL	3W	5%	15K Ω
R871	ERDS2TJ332T	CARBON	2W	5%	3K2 Ω
R872	ERDS2TJ154	CARBON	2W	5%	150K Ω
R875	ERG3FJ220H	METAL	3W	5%	22 Ω
R876	ERQ2CJP2R7	METAL	2W	2%	2R7 Ω
R877	ERDS1TJ103	CARBON	0.5W	5%	10K Ω
R878	ERDS2TJ221T	CARBON	0.5W	5%	220 Ω
R879	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R880	ERX5FJ1R0	METAL	5W	5%	1 Ω
R881	ERDS1TJ122	CARBON	0.5W	5%	1K2 Ω
R883	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R884	ERDS1TJ102	CARBON	0.5W	5%	1K Ω
R885	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R888	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R891	ERC12ZGK105D	SOLID	0.5W	10%	1M Ω
R901	ERDS1FJ102	CARBON	0.5W	5%	1K Ω
R902	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R903	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R904	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8 Ω
R905	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R906	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω
R907	ERJ6GEYJ510	S.M.CARB	0.1W	5%	51 Ω
R908	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390 Ω
R909	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω
R950	ERQ1CJP331	FUSIBLE	1W	5%	330 Ω
R952	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R953	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω
R954	ERDS1FYJ561P	CARBON	0.5W	5%	560 Ω
R955	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω
R956	ERDS1FYJ561P	CARBON	0.5W	5%	560 Ω
R957	ERDS1TJ330	CARBON	0.5W	5%	33 Ω
R958	ERDS1TJ330	CARBON	0.5W	5%	33 Ω
R960	ERQ14AJ100	FUSIBLE	0.25W	5%	10 Ω
R962	ERQ14AJ120	METAL	0.25W	5%	12 Ω
R963	ERQ14AJ120	METAL	0.25W	5%	12 Ω
R964	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R966	ERG3FJS151	METAL	3W	5%	150 Ω
R968	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R969	ERDS1FJ390	CARBON	0.5W	5%	39 Ω
R970	ERJ6GEYJ2R7	S.M.CARB	0.1W	5%	2R7 Ω
R971	ERJ6GEYJ2R7	S.M.CARB	0.1W	5%	2R7 Ω

Cct Ref	Parts Number	Description			
R972	ERDS1FJ390	CARBON	0.5W	5%	39 Ω 
R973	ERDS1FJ121	CARBON	0.5W	5%	120 Ω 
R1042	ERD25TC0T	CARBON	0.25W	5%	0 Ω
R1043	ERD25TJ682	CARBON	0.25W	5%	6K8 Ω
R1044	ERD25TJ123	CARBON	0.25W	5%	12K Ω
R1045	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R1046	ERDS2TJ683T	CARBON	2W	5%	68K Ω
R1050	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R1051	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1052	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1081	ERDS2TJ332T	CARBON	2W	5%	3K2 Ω
R1082	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R1083	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R1084	ERDS1TJ101	CARBON	0.5W	5%	100 Ω
R1101	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω
R1102	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω
R1103	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R1104	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1105	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R1106	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1107	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1108	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1109	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1110	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1111	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1112	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1113	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1114	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1115	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1116	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R1117	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1118	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1119	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1120	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1121	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1122	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1123	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1124	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1125	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1126	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1127	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1128	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1129	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1131	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1132	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1134	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1135	ERJ3GEYJ224V	S.M.CARB	0.16W	5%	220 Ω
R1136	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1137	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1138	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1139	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1140	ERJ6GEYJ225	S.M.CARB	0.1W	5%	2M2 Ω
R1141	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1142	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1144	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1145	ERJ3GEYJ391	S.M.CARB	0.125	5%	390 Ω
R1146	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1147	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1148	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1149	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1150	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1153	ERJ3GEYJ563V	S.M.CARB	0.125	5%	56K Ω
R1154	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1155	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1156	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1157	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω

Cct Ref	Parts Number	Description			
R1158	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1160	ERJ3GEYJ182V	S.M.CARB	0.1W	5%	1.8K Ω
R1161	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1162	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R1163	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R1164	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R1166	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R1168	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1169	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1170	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1172	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1178	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1179	ERJ3GEYJ682V	S.M.CARB	0.125	5%	6.8K Ω
R1180	ERJ3GEYJ392V	S.M.CARB	0.125	5%	3.9K Ω
R1188	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1189	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1190	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1191	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1192	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1193	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1194	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1195	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1196	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1202	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1205	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1209	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1214	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1217	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1221	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1225	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1232	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1233	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1236	EXB38V680JV	CHIP	0.063	5%	680 Ω 
R1239	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R1240	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R1241	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R1242	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1243	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R1249	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1250	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1251	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1253	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1255	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1256	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1257	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1258	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1264	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1293	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω
R1294	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω
R1301	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1303	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1304	ERJ3GEYJ682V	S.M.CARB	0.125	5%	6.8K Ω
R1305	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1306	ERJ6ENF1200	S.M.CARB	0.1W	1%	20 Ω
R1307	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1308	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1309	ERJ6ENF3300	S.M.CARB	0.1W	1%	330 Ω
R1310	ERJ6ENF3300	S.M.CARB	0.1W	1%	330 Ω
R1311	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω
R1312	ERJ3GEYJ332	S.M.CARB	0.125	5%	3.3K Ω
R1313	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1314	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1315	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1316	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω
R1317	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1318	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω

Cct Ref	Parts Number	Description			
R1319	ERJ6ENF9530V	S.M.CARB	0.1W	1%	9K53 Ω
R1320	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1321	ERJ3GEYJ152	S.M.CARB	0.1W	5%	150K Ω
R1322	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1323	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1324	ERJ3GEYJ152	S.M.CARB	0.1W	5%	150K Ω
R1326	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1327	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1329	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1332	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1335	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1338	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1339	ERJ3GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R1340	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1341	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1343	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1344	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1345	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1348	ERJ6ENF1910	S.M.CARB	0.1W	1%	191 Ω
R1349	ERJ6ENF2701	S.M.CARB	0.1W	1%	27 Ω
R1350	ERJ6ENF2200	S.M.CARB	0.1W	1%	22 Ω
R1351	ERJ6ENF2701	S.M.CARB	0.1W	1%	27 Ω
R1352	ERJ6ENF2200	S.M.CARB	0.1W	1%	22 Ω
R1353	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1354	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1355	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1356	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1357	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1358	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1359	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1360	ERJ6ENF5601	S.M.CARB	0.1W	1%	5K6 Ω
R1361	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1362	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1363	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1364	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1365	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1366	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1367	ERJ6ENF3000	S.M.CARB	0.1W	1%	30 Ω
R1368	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1369	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R1370	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1371	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1372	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1373	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1374	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1375	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1376	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1377	ERJ3GEYJ334	S.M.CARB	0.125	5%	330K Ω
R1379	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1380	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1381	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1382	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1383	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1384	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1385	ERJ3GEYJ470V	S.M.CARB	0.125	5%	47 Ω
R1387	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1388	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1389	ERJ3GEYJ332	S.M.CARB	0.125	5%	3.3K Ω
R1390	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1391	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1392	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1393	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1394	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1395	ERJ6ENF7500	S.M.CARB	0.1W	1%	75 Ω
R1396	ERJ6ENF3301	S.M.CARB	0.1W	1%	330 Ω
R1402	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
R1403	ERJ3GEYJ181	S.M.CARB	0.125	5%	180 Ω
R1406	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1407	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1408	ERJ3GEYJ152	S.M.CARB	0.1W	5%	150K Ω
R1409	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1411	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1412	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1413	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R1414	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1415	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1416	ERJ3GEYJ152	S.M.CARB	0.1W	5%	150K Ω
R1417	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1418	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1419	ERJ6ENF2000	S.M.CARB	0.1W	1%	20 Ω
R1420	ERJ6ENF2001	S.M.CARB	0.1W	1%	2K Ω
R1421	ERJ3GEYJ561V	S.M.CARB	0.125	5%	560 Ω
R1423	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1425	ERJ6ENF2001	S.M.CARB	0.1W	1%	2K Ω
R1426	ERJ6ENF2001	S.M.CARB	0.1W	1%	2K Ω
R1427	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1428	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1429	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1430	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R1431	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1432	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1433	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1434	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1435	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1436	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1437	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1438	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1439	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1440	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1441	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R1442	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R1443	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1444	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1445	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1446	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1447	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1448	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1451	ERJ6ENF5490	S.M.CARB	0.1W	1%	549 Ω
R1452	ERJ6ENF4750	S.M.CARB	0.1W	5%	75 Ω
R1453	ERJ3GEYJ180	S.M.CARB	0.125	5%	18 Ω
R1454	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1455	ERJ3GEYJ391	S.M.CARB	0.125	5%	390 Ω
R1457	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220K Ω
R1459	ERJ6ENF4751	S.M.CARB	0.1W	1%	4K75 Ω
R1460	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1461	ERJ6ENF3161	S.M.CARB	0.1W	1%	3K16 Ω
R1465	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1466	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1467	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1468	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1471	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1473	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R1474	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R1475	ERJ3GEYJ561V	S.M.CARB	0.125	5%	560 Ω
R1476	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1477	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R1478	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1480	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1481	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1482	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1485	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1492	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω

Cct Ref	Parts Number	Description			
R1529	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R1531	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R1543	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R1544	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1545	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1546	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1547	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1548	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1549	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1550	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω
R2004	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2006	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2007	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2008	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2009	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2010	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R2011	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2012	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2013	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2015	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2016	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R2017	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2018	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2019	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R2025	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2026	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2030	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2031	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2033	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2034	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2035	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2036	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2039	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2040	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2041	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2042	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2043	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2044	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2050	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2051	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2052	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2251	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2252	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2253	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2254	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2255	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2256	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2257	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2258	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2301	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2303	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2304	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2305	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2306	ERJ6ENF5232	S.M.CARB	0.1W	1%	52K3 Ω
R2307	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
R2308	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2309	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R2310	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2311	ERJ6GEYJ752	S.M.CARB	0.1W	5%	7K5 Ω
R2312	ERJ6GEYJ134	S.M.CARB	0.1W	5%	130K Ω
R2315	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2316	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5 Ω
R2317	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2318	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2319	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R2321	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω

Cct Ref	Parts Number	Description			
R2322	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2323	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
R2324	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2325	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2326	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2327	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2328	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5 Ω
R2329	ERJ6GEYJ752	S.M.CARB	0.1W	5%	7K5 Ω
R2330	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R2331	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2332	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2334	ERJ6ENF5232	S.M.CARB	0.1W	1%	52K3 Ω
R2335	ERJ6ENF6802V	S.M.CARB	0.1W	1%	68K Ω
R2336	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2337	ERJ6ENF1202	S.M.CARB	0.1W	1%	1K2 Ω
R2338	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2339	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2340	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2341	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2342	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2345	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2346	ERJ6GEYJ303	S.M.CARB	0.1W	5%	30K Ω
R2348	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2349	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2350	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2351	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2352	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2354	ERX5FJ1R0	METAL	5W	5%	1 Ω
R2356	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R2357	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27K Ω
R2358	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R2360	ERDS1TJ101	CARBON	0.5W	5%	100 Ω
R2361	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2362	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2363	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2364	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R2365	ERG1SJ102	METAL	1W	5%	1K Ω
R2366	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R2368	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2369	ERX3FJS4R7	METAL	3W	5%	4R7 Ω
R2371	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2374	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2375	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2376	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R2377	ERG3FJ561H	METAL	2W	5%	560 Ω
R2378	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2383	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2384	ERG3FJ471	METAL	3W	5%	470 Ω
R2385	ERJ6GEYJ752	S.M.CARB	0.1W	5%	7K5 Ω
R2386	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2387	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2388	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R2389	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R2390	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27K Ω
R2391	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R2393	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R2395	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R2396	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2398	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2399	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0 Ω
R2400	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2401	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2402	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2403	ERDS1TJ154	CARBON	0.5W	5%	150 Ω
R2404	ERDS1TJ184	CARBON	0.5W	5%	180 Ω
R2406	ERW12PKR33	WOUND	0.5W	10%	R33 Ω

Cct Ref	Parts Number	Description				
R2407	ERD2FCVJ4R7P	CARBON	2W	5%	4R7 Ω	△
R2408	ERG2FJ101H	METAL	2W	5%	100 Ω	△
R2409	ERG2FJ101H	METAL	2W	5%	100 Ω	△
R2410	ERG5FJ473	METAL	5W	5%	47K Ω	△
R2410	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2411	ERD2FCVJ4R7P	CARBON	2W	5%	4R7 Ω	△
R2411	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2412	ERG5FJ390H	METAL	5W	5%	39 Ω	△
R2412	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2413	ERQ2CJP2R4	METAL	2W	5%	2R4 Ω	△
R2414	ERG3FJ471	METAL	3W	5%	470 Ω	△
R2415	ERDS1TJ103	CARBON	0.5W	5%	10K Ω	
R2416	ERDS2TJ820T	CARBON	2W	5%	82 Ω	
R2417	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R2418	ERG3FJ471	METAL	3W	5%	470 Ω	△
R2421	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω	
R2422	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2423	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2429	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω	
R2431	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω	
R2432	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω	
R2433	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2434	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2435	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2436	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2437	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2438	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2439	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2440	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2441	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2442	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2443	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2444	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2445	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2446	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8 Ω	
R2447	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2448	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8 Ω	
R2449	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2450	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8 Ω	
R2451	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2452	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8 Ω	
R2453	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R2454	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R2455	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R2456	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R2457	ERX12SJ1R0	METAL	0.5W	5%	1 Ω	△
R2458	ERX12SJ1R0	METAL	0.5W	5%	1 Ω	△
R2459	ERX12SJ1R0	METAL	0.5W	5%	1 Ω	△
R2460	ERX12SJ1R0	METAL	0.5W	5%	1 Ω	△
R2463	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω	
R2464	ERJ6GEYJ432	S.M.CARB	0.1W	5%	4K3 Ω	
R2465	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R2466	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω	
R2467	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω	
R2468	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R2469	ERJ6GEYJ432	S.M.CARB	0.1W	5%	4K3 Ω	
R2470	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω	
R2471	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω	
R2472	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R2473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R2474	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R2475	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω	
R2476	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω	
R2477	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R2478	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω	
R2479	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	

Cct Ref	Parts Number	Description				
R2480	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R2482	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2483	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2484	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω	
R2485	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω	
R2486	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2487	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R2489	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω	
R2490	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2491	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω	
R2492	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2493	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2494	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2495	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2496	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2497	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R2498	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R2499	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2501	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2502	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R2503	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2504	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2505	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2506	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2507	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2508	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2509	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2510	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2511	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2512	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2513	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2514	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2515	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2516	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2517	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω	
R2518	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2519	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2520	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2521	ERJ6GEYJ330	S.M.CARB	0.1W	5%	33 Ω	
R2522	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2523	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2524	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2525	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M Ω	
R2526	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47 Ω	
R2527	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47 Ω	
R2528	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω	
R2529	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω	
R2530	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω	
R2531	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω	
R2532	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω	
R2533	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω	
R2534	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω	
R2535	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2536	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R2537	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56K Ω	
R2538	ERJ6GEYJ124	S.M.CARB	0.1W	5%	120K Ω	
R2539	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2540	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56K Ω	
R2541	ERJ6GEYJ124	S.M.CARB	0.1W	5%	120K Ω	
R2542	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2543	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω	
R2544	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω	
R2545	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R2546	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω	
R2547	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R2548	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω	

Cct Ref	Parts Number	Description			
R2549	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2550	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2551	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2552	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2553	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2554	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2555	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2556	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2557	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2558	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2559	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2560	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2561	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2562	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2563	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R2564	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2565	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2567	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2568	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2569	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2570	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2571	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2572	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2573	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2574	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2575	ERJ6GEYJ330	S.M.CARB	0.1W	5%	33 Ω
R2577	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2578	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2579	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2580	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2581	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47 Ω
R2582	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47 Ω
R2583	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R2584	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47 Ω
R2585	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2586	ERJ6GEYJ330	S.M.CARB	0.1W	5%	33 Ω
R2587	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2588	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2589	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2590	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R2591	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2592	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2593	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2594	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2595	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R2596	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2598	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2599	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2601	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2602	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2604	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2606	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2607	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2608	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2609	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2610	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2611	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2612	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2613	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2614	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2615	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2616	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2617	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2618	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2619	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2620	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K Ω

Cct Ref	Parts Number	Description			
R2621	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M Ω
R2622	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2623	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K Ω
R2624	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M Ω
R2625	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2626	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K Ω
R2627	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M Ω
R2628	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2629	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K Ω
R2630	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M Ω
R2631	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2632	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2633	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220K Ω
R2637	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2638	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2639	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2640	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2 Ω
R2641	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2 Ω
R2642	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2643	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2644	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2646	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2648	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2649	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2650	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2 Ω
R2651	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2 Ω
R2652	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2653	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2654	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2 Ω
R2655	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2656	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2657	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2658	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2659	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2 Ω
R2666	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2667	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2668	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2669	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2672	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2673	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2674	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2675	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2678	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2679	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2681	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2683	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2684	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2685	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R2686	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2687	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2688	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2689	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2690	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2691	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2692	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2717	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2718	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2719	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2720	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2724	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2725	ERJ6ENF1301	S.M.CARB	0.1W	1%	1K3 Ω
R2726	ERJ6ENF4121	S.M.CARB	0.1W	1%	4K12 Ω
R2727	ERJ6ENF2151	S.M.CARB	0.1W	1%	2K15 Ω
R2728	ERJ6ENF1201	S.M.CARB	0.1W	1%	1K2 Ω
R2731	ERJ6ENF2151	S.M.CARB	0.1W	1%	2K15 Ω

Cct Ref	Parts Number	Description			
R2732	ERJ6ENF1201	S.M.CARB	0.1W	1%	1K2 Ω
R3001	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3002	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3003	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3004	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3005	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3006	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3007	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3008	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3009	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R3010	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3012	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3013	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3014	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3015	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K Ω
R3017	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3018	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3019	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3020	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3021	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K Ω
R3022	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3023	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3025	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3026	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3027	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3028	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3029	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3030	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3031	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R3034	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3035	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3036	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3037	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3044	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3049	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω
R3050	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω
R3051	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R3053	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3054	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3059	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R3062	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3064	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3066	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3069	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3071	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3073	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3074	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3076	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3077	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3078	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3079	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3084	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3085	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3086	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3087	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3088	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3089	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3090	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3116	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R3122	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R3123	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R3124	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680 Ω
R3125	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3126	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R3127	ERJ6GEYJ390	S.M.CARB	0.1W	5%	39 Ω
R3128	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω

Cct Ref	Parts Number	Description			
R3129	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R3130	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R3326	ERJ6ENF2202	S.M.CARB	0.1W	1%	22K Ω
R3401	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3402	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3403	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3404	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3405	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3406	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3407	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3408	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3409	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3410	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3411	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3412	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R3413	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3414	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3415	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3416	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3417	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3418	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3419	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3420	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3421	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3422	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3423	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3424	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3425	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3426	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R3427	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3428	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3429	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3430	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3431	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3432	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3433	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3434	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3435	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3436	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3437	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3438	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R3439	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3440	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3441	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R3442	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R3443	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R3444	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3445	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3446	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3447	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3448	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3449	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3450	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3451	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K Ω
R3455	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R3456	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3457	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3458	ERJ8GEYJ331	S.M.CARB	.125W	5%	330 Ω
R3481	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3482	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3483	ERJ8GEY0R00	S.M.CARB	.125W	5%	0 Ω
R3486	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3832	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3835	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3836	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3841	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω

Cct Ref	Parts Number	Description			
R4801	ERJ6ENF2701	S.M.CARB	0.1W	1%	27 Ω
R4802	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R4803	ERJ6ENF3320	S.M.CARB	0.1W	1%	3K3 Ω
R4804	ERJ6ENF1001	S.M.CARB	0.1W	1%	1K Ω
R4805	ERJ6ENF2213	S.M.CARB	0.1W	1%	221K Ω
R4806	ERJ6ENF6651	S.M.CARB	0.1W	1%	6K65 Ω
R4807	ERJ6ENF9091	S.M.CARB	0.1W	1%	9K09 Ω
R4808	ERJ6ENF3832	S.M.CARB	0.1W	1%	38K3 Ω
R4809	ERJ6ENF5621	S.M.CARB	0.1W	1%	5K62 Ω
R4810	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
CAPACITORS					
C001	ECJ2VF1C104Z	CERAMIC	16V		100nF
C002	ECA1CM470GB	ELECT	16V		47μF
C003	ECJ2VF1C104Z	CERAMIC	16V		100nF
C008	ECJ2VB1H103K	CERAMIC	50V		10nF
C012	ECJ2VF1H104Z	CERAMIC	50V		100nF
C013	ECA0JM102GB	ELECT	6.3V		1000μF
C014	ECJ2VF1C104Z	CERAMIC	16V		100nF
C017	ECJ2VF1C104Z	CERAMIC	16V		100nF
C018	ECJ2VF1C104Z	CERAMIC	16V		100nF
C020	ECJ2VF1C104Z	CERAMIC	16V		100nF
C026	ECJ2VF1H103Z	CERAMIC	50V		10nF
C051	ECEA1HN010UB	ELECT	50V		1μF
C052	ECJ2VF1C104Z	CERAMIC	16V		100nF
C057	ECJ2VF1C104Z	CERAMIC	16V		100nF
C062	ECJ2VF1C104Z	CERAMIC	16V		100nF
C063	ECJ2VF1C104Z	CERAMIC	16V		100nF
C064	ECA1HM100GB	ELECT	50V		10μF
C068	ECJ2VF1C104Z	CERAMIC	16V		100nF
C069	ECA1HM101GB	ELECT	50V		100μF
C070	ECJ2VF1H104Z	CERAMIC	50V		100nF
C071	ECJ2VF1C104Z	CERAMIC	16V		100nF
C352	ECJ2VB1H103K	CERAMIC	50V		10nF
C354	ECJ2VB1H223K	CERAMIC	50V		22nF
C355	ECQM2104KZ	FILM	250V		100nF
C356	ECJ2VC1H180J	CERAMIC	50V		18pF
C357	ECKC2H122J	CERAMIC	500V		1.2μF
C359	ECJ2VF1C104Z	CERAMIC	16V		100nF
C360	ECA1CM471GB	ELECT	16V		470μF
C361	ECJ2VB1H103K	CERAMIC	50V		10nF
C363	ECJ2VB1H223K	CERAMIC	50V		22nF
C364	ECJ2VC1H270J	CERAMIC	50V		27pF
C365	ECQM2104KZ	FILM	250V		100nF
C366	ECKC2H122J	CERAMIC	500V		1.2μF
C371	ECJ2VB1H103K	CERAMIC	50V		10nF
C373	ECJ2VB1H103K	CERAMIC	50V		10nF
C374	ECJ2VC1H070D	CERAMIC	50V		7pF
C375	ECQM2104KZ	FILM	250V		100nF
C376	ECKC2H122J	CERAMIC	500V		1.2μF
C377	ECA2EM100B	ELECT	250V		10μF
C380	ECEA1HU101	ELECT	50V		100μF
C382	ECA1CM221GB	ELECT	16V		220μF
C383	ECA1CM222GB	ELECT	16V		2200μF
C388	ECJ2VB1H183K	CERAMIC	50V		18nF
C390	ECA1HM100GB	ELECT	50V		10μF
C391	ECKC3D332J	CERAMIC	2KV		3.3μF
C451	ECA1VM470B	ELECT	35V		47μF
C452	ECEA1HU471	ELECT	50V		470μF
C455	ECEA1CN220	ELECT	16V		22μF
C457	ECA1VHG102B	ELECT	35V		1pF
C459	ECA1HM100GB	ELECT	50V		10μF
C460	ECQB1224KFW	FILM	100V		220nF
C462	ECQV1H104J	FILM	50V		100nF
C463	ECJ2VF1H103Z	CERAMIC	50V		10nF
C475	ECJ2VC1H220J	CERAMIC	50V		22pF
C476	ECHS1H102FZ3	FILM	100V		100nF

Cct Ref	Parts Number	Description			
C482	ECA1CM102B	ELECT	16V		1000μF
C490	ECJ2VF1H103Z	CERAMIC	50V		10nF
C504	ECA1VM101GB	ELECT	35V		100μF
C505	ECQV1H104J	FILM	50V		100nF
C508	ECA1EM102GB	ELECT	25V		100μF
C510	ECJ2VF1C104Z	CERAMIC	16V		100nF
C555	ECQP1223JZW	FILM	100V		22nF
C556	ECWH20102JVY	FILM	200V		1μF
C560	ECEA2CNR47SB	ELECT	160V		0.47μF
C565	ECQE2155JFB	FILM	250V		1.5μF
C569	ECA2EM330B	ELECT	250V		33μF
C571	ECKC1H472J	CERAMIC	50V		4.7nF
C576	ECKC3A182J	CERAMIC	1KV		1800pF
C584	ECKC3D681J	CERAMIC	2KV		680pF
C585	ECKC3D681J	CERAMIC	2KV		680pF
C591	ECA1HM100GB	ELECT	50V		10μF
C705	ECQM2562JZB	FILM	200V		5.6μF
C708	ECQE2334KF3	FILM	200V		330nF
C709	ECQE1335KFB	FILM	100V		3.3μF
C710	ECQE1335KFB	FILM	100V		3.3μF
C711	ECQE1335KFB	FILM	100V		3.3μF
C715	ECKC3D271J	CERAMIC	2KV		270pF
C801	ECKRAE472ZE	CERAMIC	10V		4.7μF
C802	ECKRAE472ZE	CERAMIC	10V		4.7μF
C803	ECKRAE472ZE	CERAMIC	10V		4.7μF
C804	ECKRAE472ZE	CERAMIC	10V		4.7μF
C808	ECA1VHG221B	ELECT	35V		220μF
C817	ECKC3D681J	CERAMIC	2KV		680pF
C819	ECKC2H471J	CERAMIC	500V		470pF
C820	ECOS2GP471DB	ELECT	200V		470μF
C823	ECQF4123JZH	FILM	400V		12nF
C824	ECQE6823KFB	FILM	600V		82nF
C828	ECKC3D152J	CERAMIC	2KV		1.5nF
C829	ECQB1H681JF3	FILM	50V		680pF
C831	ECKCNA471MBB	CERAMIC	10V		47μF
C841	ECKRAE472ZE	CERAMIC	10V		4.7μF
C843	ECQV1H104J	FILM	50V		100nF
C844	ECKC3D392J	CERAMIC	2KV		3900pF
C845	ECKC1H101J	CERAMIC	50V		100pF
C847	ECA2WM100E	ELECT	450V		10μF
C851	ECQB1104JF3	FILM	100V		100nF
C852	ECQB1104JF3	FILM	100V		100nF
C853	ECEA1HU102	ELECT	50V		1000μF
C854	ECKC2H561J	CERAMIC	500V		560pF
C855	ECQB1H103J	FILM	50V		10nF
C858	ECKC3D182JB	CERAMIC	2KV		1.8nF
C861	ECA1EHG331B	ELECT	25V		330pF
C862	ECA1EHG222B	ELECT	25V		2.2pF
C864	ECA1EM222GB	ELECT	25V		2200μF
C865	ECA1EM222GB	ELECT	25V		2200μF
C866	ECOS2CA561BB	ELECT	160V		560μF
C868	ECA160V33UB	ELECT	160V		33μF
C869	ECA1EM472E	ELECT	50V		4.7pF
C871	ECA1HHG100B	ELECT	50V		10μF
C883	ECA1HM100GB	ELECT	50V		10μF
C885	ECA1VM470B	ELECT	35V		47μF
C888	ECA1CM471GB	ELECT	16V		470μF
C889	ECA1CM222GB	ELECT	16V		2200μF
C892	ECQU2A224MN	FILM	250V		220nF
C893	ECQU2A224MN	FILM	250V		220nF
C894	ECQU2A683MNB	FILM	100V		68nF
C895	ECKCNA152ME7	CERAMIC	10V		1.5μF
C897	ECKCNA152ME7	CERAMIC	10V		1.5μF
C898	ECQU2A224MN	FILM	250V		220nF
C899	ECQU2A224MN	FILM	250V		220nF
C901	EEANA1E100B	CERAMIC	25V		10μF

Cct Ref	Parts Number	Description		
C902	ECA1HM101GB	ELECT	50V	100µF
C905	ECA1VM101GB	ELECT	35V	100µF
C907	ECJ2VC1H151J	CERAMIC	50V	150pF
C955	ECQB1103J	FILM	100V	10nF
C958	ECA2CM100B	ELECT	160V	10µF
C959	ECQB1103J	FILM	100V	10nF
C960	ECJ2VC1H221J	CERAMIC	50V	220pF
C961	ECA2CM100B	ELECT	160V	10µF
C962	ECQM4472RJZ	FILM	400V	4.7µF
C963	ECJ2VC1H221J	CERAMIC	50V	220pF
C964	ECA1CHG101	ELECT	16V	100µF
C966	ECA1HM101GB	ELECT	50V	100µF
C967	ECA1CHG471B	ELECT	16V	470µF
C974	ECA1VM101GB	ELECT	35V	100µF
C1040	ECQB1H223K	FILM	50V	22nF
C1041	ECA1HM470GB	ELECT	50V	47µF
C1043	ECKC1H101J	CERAMIC	50V	100pF
C1101	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1102	EEVHB0J101P	CERAMIC	10V	100pF
C1103	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1104	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1105	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1106	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1107	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1108	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1109	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1112	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1115	ECJ2VB1C104K	CERAMIC	16V	100nF
C1116	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1117	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1118	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C1119	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1120	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1121	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1122	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1123	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1124	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1125	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1126	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1127	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1128	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1129	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1130	EEVHB0G221P	CERAMIC	16V	220pF
C1131	ECJ2VC1H220J	CERAMIC	50V	22pF
C1132	ECJ2VC1H220J	CERAMIC	50V	22pF
C1133	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1134	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1135	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1136	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1137	EEVHB0G221P	CERAMIC	16V	220pF
C1138	ECJ2VC1H221J	CERAMIC	50V	220pF
C1139	ECJ2VC1H221J	CERAMIC	50V	220pF
C1140	ECJ2VB1E104K	CERAMIC	25V	100nF
C1142	ECJ2VC1H151J	CERAMIC	50V	150pF
C1144	ECJ2VC1H101J	CERAMIC	50V	100pF
C1146	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1147	ECA1CM471GB	ELECT	16V	470µF
C1148	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1150	ECJ2VB1C104K	CERAMIC	16V	100nF
C1151	ECJ2VB1C104K	CERAMIC	16V	100nF
C1153	ECJ2VB1H103K	CERAMIC	50V	10nF
C1154	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1156	ECA1HM100GB	ELECT	50V	10µF
C1157	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1158	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1159	EEVHB1C100R	CERAMIC	16V	10pF

Cct Ref	Parts Number	Description		
C1160	EEVHB1C100R	CERAMIC	16V	10pF
C1161	EEVHB0G221P	CERAMIC	16V	220pF
C1162	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1163	EEVHB0J101P	CERAMIC	10V	100pF
C1164	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1165	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1166	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1167	EEVHB1C101P	CERAMIC	16V	100pF
C1168	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1170	ECEA1EKN100B	ELECT	50V	10µF
C1251	ECA1HM101GB	ELECT	50V	100µF
C1252	ECA1HM100GB	ELECT	50V	10µF
C1253	ECJ2VB1C104K	CERAMIC	16V	100nF
C1254	ECJ2VB1C104K	CERAMIC	16V	100nF
C1255	ECA1CM470GB	ELECT	16V	47µF
C1290	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1292	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1293	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1294	ECA1HM101GB	ELECT	50V	100µF
C1295	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1296	ECA0JM471GB	ELECT	6.3V	470µF
C1300	ECJ1VC1H120J	CERAMIC	50V	12pF
C1302	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1303	ECJ1VC1H120J	CERAMIC	50V	12pF
C1306	ECJ1VC1H680J	CERAMIC	50V	68pF
C1307	ECJ1VC1H180J	CERAMIC	50V	18pF
C1309	ECJ1VC1H181J	CERAMIC	50V	180pF
C1310	ECJ1VC1H220J	CERAMIC	50V	22pF
C1312	ECJ1VC1H181J	CERAMIC	50V	180pF
C1313	TACCN0J105KT	CERAMIC	6.3V	1µF
C1315	TACCN0J105KT	CERAMIC	6.3V	1µF
C1316	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1317	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1318	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1319	ECJ1VC1H470J	CERAMIC	50V	47pF
C1320	ECJ1VC1H060D	CERAMIC	50V	6pF
C1322	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1323	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1324	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1325	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1326	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1327	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1328	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1329	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1330	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1331	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1332	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1333	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1334	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1335	ECJ1VB1H103	CERAMIC	50V	10nF
C1336	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1337	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1338	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1339	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1340	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1341	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1342	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1344	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1345	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1346	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1347	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1348	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1349	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1350	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1351	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1352	ECJ2VF1C105Z	CERAMIC	16V	1pF

Cct Ref	Parts Number	Description		
C1353	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1354	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1355	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1356	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1357	ECJ1VC1H330J	CERAMIC	50V	33pF
C1358	ECJ1VB1H472K	CERAMIC	50V	4.7nF
C1359	ECJ1VB1H472K	CERAMIC	50V	4.7nF
C1360	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1361	ECJ1VB1H103	CERAMIC	50V	10nF
C1362	EEVHB0J101P	CERAMIC	10V	100pF
C1363	ECJ1VC1H102J	CERAMIC	50V	1nF
C1364	ECJ1VC1H680J	CERAMIC	50V	68pF
C1365	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1367	TACCN0J105KT	CERAMIC	6.3V	1μF
C1370	ECJ1VB1H103	CERAMIC	50V	10nF
C1371	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1372	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1373	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1374	ECJ1VB1H222K	CERAMIC	50V	2.2nF
C1376	ECJ1VC1H680J	CERAMIC	50V	68pF
C1377	ECJ1VB1H103	CERAMIC	50V	10nF
C1378	ECJ1VB1H222K	CERAMIC	50V	2.2nF
C1379	ECJ1VB1C104K	CERAMIC	16V	100nF
C1380	TACCN0J105KT	CERAMIC	6.3V	1μF
C1381	ECJ1VC1H330J	CERAMIC	50V	33pF
C1382	ECJ1VB1C393K	CERAMIC	16V	39nF
C1383	TACCN0J105KT	CERAMIC	6.3V	1μF
C1384	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1385	ECJ2VF1H103Z	CERAMIC	50V	10nF
C1386	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1387	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1389	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1390	TACCN0J105KT	CERAMIC	6.3V	1μF
C1391	TACCN0J105KT	CERAMIC	6.3V	1μF
C1392	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1395	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1396	EEVHB0G221P	CERAMIC	16V	220pF
C1398	ECJ1VC1H120J	CERAMIC	50V	12pF
C1399	ECJ1VC1H120J	CERAMIC	50V	12pF
C1400	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1401	ECJ1VC1H101J	CERAMIC	50V	100pF
C1403	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1404	ECJ1VC1H151J	CERAMIC	50V	150pF
C1405	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1406	TACCN0J105KT	CERAMIC	6.3V	1μF
C1407	ECJ1VC1H561J	CERAMIC	50V	560pF
C1408	ECJ1VC1H561J	CERAMIC	50V	560pF
C1409	TACCN0J105KT	CERAMIC	6.3V	1μF
C1410	ECJ1VC1H561J	CERAMIC	50V	560pF
C1411	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1412	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1413	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1414	ECJ1VC1H470J	CERAMIC	50V	47pF
C1415	ECJ1VC1H060D	CERAMIC	50V	6pF
C1417	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1418	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1419	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1420	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1421	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1422	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1423	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1424	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1425	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1426	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1427	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1428	ECJ2VF1C105Z	CERAMIC	16V	1pF

Cct Ref	Parts Number	Description		
C1429	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1430	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1431	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1432	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1433	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1434	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1435	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1436	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1437	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1438	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1439	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1440	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1441	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1442	ECJ1VB1H472K	CERAMIC	50V	4.7nF
C1443	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1444	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1445	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1446	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1447	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1448	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1449	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1450	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1451	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1452	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1454	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1455	ECJ2VB1C104K	CERAMIC	16V	100nF
C1456	ECJ2VB1C104K	CERAMIC	16V	100nF
C1457	ECJ2VB1C104K	CERAMIC	16V	100nF
C1459	ECJ3VB1C474K	CERAMIC	16V	470nF
C1460	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1461	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1462	ECJ1VB1H332K	CERAMIC	50V	3.3nF
C1465	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1466	ECJ1VC1H680J	CERAMIC	50V	68pF
C1467	ECJ1VC1H330J	CERAMIC	50V	33pF
C1468	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1469	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1470	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1471	ECJ1VC1H330J	CERAMIC	50V	33pF
C1472	ECJ1VC1H680J	CERAMIC	50V	68pF
C1474	ECJ2VB1C104K	CERAMIC	16V	100nF
C1475	ECJ2VB1C104K	CERAMIC	16V	100nF
C1476	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1477	ECJ2VB1C104K	CERAMIC	16V	100nF
C1478	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1479	EEVHP1C100R	CERAMIC	16V	10pF
C1480	EEVHP1C100R	CERAMIC	16V	10pF
C1481	TACCN0J105KT	CERAMIC	6.3V	1μF
C1482	TACCN0J105KT	CERAMIC	6.3V	1μF
C1483	EEVHP1E4R7R	CERAMIC	25V	4R7pF
C1484	EEVHP1C100R	CERAMIC	16V	10pF
C1485	EEVHP1C100R	CERAMIC	16V	10pF
C1486	EEVHP1E4R7R	CERAMIC	25V	4R7pF
C1487	EEVHP1C100R	CERAMIC	16V	10pF
C1488	EEVHP1C100R	CERAMIC	16V	10pF
C1489	TACCN0J105KT	CERAMIC	6.3V	1μF
C1490	TACCM0J335KT	CERAMIC	6.3V	3.3μF
C1493	EEVHB0J101P	CERAMIC	10V	100pF
C1494	EEVHB0G221P	CERAMIC	16V	220pF
C1495	EEVHB0G221P	CERAMIC	16V	220pF
C1496	EEVHB0J101P	CERAMIC	10V	100pF
C1497	EEVHB0J101P	CERAMIC	10V	100pF
C1498	EEVHB0G221P	CERAMIC	16V	220pF
C1499	EEVHB0J101P	CERAMIC	10V	100pF
C1501	EEVHB1C470P	CERAMIC	16V	47pF
C1502	EEVHB0J101P	CERAMIC	10V	100pF

Cct Ref	Parts Number	Description		
C1503	EEVHB0J101P	CERAMIC	10V	100pF
C1505	EEVHB0G221P	CERAMIC	16V	220pF
C1506	EEVHB0G221P	CERAMIC	16V	220pF
C1507	EEVHB0G221P	CERAMIC	16V	220pF
C1509	ECA1HM100GB	ELECT	50V	10μF
C1510	ECJ2VB1C104K	CERAMIC	16V	100nF
C1511	ECJ2VB1C104K	CERAMIC	16V	100nF
C1513	ECJ2VB1C104K	CERAMIC	16V	100nF
C1514	ECJ2VB1C104K	CERAMIC	16V	100nF
C1515	ECJ2VB1C104K	CERAMIC	16V	100nF
C1516	ECJ2VB1C104K	CERAMIC	16V	100nF
C1544	ECA1HM101GB	ELECT	50V	100μF
C1550	ECA1HM101GB	ELECT	50V	100μF
C1551	ECA1HM101GB	ELECT	50V	100μF
C1563	ECA1CM470GB	ELECT	16V	47μF
C1564	ECA1HM4R7GB	ELECT	50V	4.7μF
C1565	ECA1HM4R7GB	ELECT	50V	4.7μF
C1566	ECA1HM220GB	ELECT	50V	22μF
C1568	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1569	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1588	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1589	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1590	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1591	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1592	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1593	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1594	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1595	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1596	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1597	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1598	ECJ1VB1C104K	CERAMIC	16V	100nF
C1599	EEVHB0J101P	CERAMIC	10V	100pF
C2004	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2005	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2006	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2007	ECJ2VC1H560J	CERAMIC	50V	56pF
C2008	ECJ2VC1H470J	CERAMIC	50V	47pF
C2009	ECJ2VC1H470J	CERAMIC	50V	47pF
C2010	ECJ2VC1H560J	CERAMIC	50V	56pF
C2011	ECJ2VC1H070D	CERAMIC	50V	7pF
C2014	ECJ2VC1H010C	CERAMIC	50V	1pF
C2015	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2016	ECA1HM101GB	ELECT	50V	100μF
C2017	ECJ2VC1H010C	CERAMIC	50V	1pF
C2022	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2023	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2024	ECJ3VB1C474K	CERAMIC	16V	470nF
C2025	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2027	ECA1HM100GB	ELECT	50V	10μF
C2028	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2030	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2031	ECA1HM101GB	ELECT	50V	100μF
C2032	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2033	ECA1HM100GB	ELECT	50V	10μF
C2034	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2035	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2036	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2037	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2038	ECA1HM100GB	ELECT	50V	10μF
C2039	ECA1HM101GB	ELECT	50V	100μF
C2040	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2041	ECA1HM3R3GB	ELECT	50V	3.3μF
C2042	ECJ2VB1H102K	CERAMIC	50V	1nF
C2043	ECJ2VB1H102K	CERAMIC	50V	1nF
C2044	ECJ2VB1H102K	CERAMIC	50V	1nF
C2045	ECJ2VB1H102K	CERAMIC	50V	1nF

Cct Ref	Parts Number	Description		
C2047	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2222	ECEA1HKA100	ELECT	50V	10pF
C2223	ECEA1HKA100	ELECT	50V	10pF
C2224	ECEA1HKA100	ELECT	50V	10pF
C2225	ECEA1HKA100	ELECT	50V	10pF
C2226	ECEA1HKA100	ELECT	50V	10pF
C2227	ECEA1HKA100	ELECT	50V	10pF
C2301	ECA1VHG222E	ELECT	35V	2.2pF
C2302	ECQV1H684J	FILM	50V	680nF
C2303	ECJ3VB1H104K	CERAMIC	50V	100nF
C2304	ECA1VM222GE	ELECT	35V	2200μF
C2305	ECJ2VB1H333K	CERAMIC	50V	33nF
C2306	ECJ2VB1H561K	CERAMIC	50V	560pF
C2307	ECJ2VB1H471K	CERAMIC	50V	470pF
C2308	ECJ2VC1H270J	CERAMIC	50V	27pF
C2309	ECJ2VB1H471K	CERAMIC	50V	470pF
C2310	ECJ2VB1H331K	CERAMIC	50V	330nF
C2311	ECEA1HNR47UB	ELECT	50V	0.47μF
C2312	ECJ3VB1H104K	CERAMIC	50V	100nF
C2314	ECJ2VB1H331K	CERAMIC	50V	330nF
C2315	ECJ3VB1H104K	CERAMIC	50V	100nF
C2316	ECJ2VB1H471K	CERAMIC	50V	470pF
C2317	ECA1HM4R7GB	ELECT	50V	4.7μF
C2318	ECEA1HNR47UB	ELECT	50V	0.47μF
C2319	ECJ2VB1H102K	CERAMIC	50V	1nF
C2320	ECJ2VB1H681K	CERAMIC	50V	680pF
C2321	ECA1CM471GB	ELECT	16V	470μF
C2322	ECJ2VB1H471K	CERAMIC	50V	470pF
C2323	ECQV1H684J	FILM	50V	680nF
C2325	ECA1HM4R7GB	ELECT	50V	4.7μF
C2326	ECA1HM101GB	ELECT	50V	100μF
C2327	ECJ2VB1H102K	CERAMIC	50V	1nF
C2328	ECA1HM101GB	ELECT	50V	100μF
C2329	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2330	ECJ2VB1H561K	CERAMIC	50V	560pF
C2331	ECJ3VB1H104K	CERAMIC	50V	100nF
C2332	ECJ2VB1H104K	CERAMIC	50V	100nF
C2333	ECJ2VB1H333K	CERAMIC	50V	33nF
C2334	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2335	ECJ2VC1H101J	CERAMIC	50V	100pF
C2336	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2337	ECA1CM470GB	ELECT	16V	47μF
C2338	ECEA1HU221	ELECT	50V	220μF
C2339	ECEA1HU221	ELECT	50V	220μF
C2340	ECA1HM101GB	ELECT	50V	100μF
C2341	ECA1HM330B	ELECT	50V	33μF
C2342	ECA1HM101GB	ELECT	50V	100μF
C2343	ECA1HM100GB	ELECT	50V	10μF
C2344	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2345	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2346	ECJ2VC1H101J	CERAMIC	50V	100pF
C2347	EEUFC1H102E	CERAMIC	50V	1μF
C2348	ECJ2VB1H681K	CERAMIC	50V	680pF
C2350	ECJ2VB1H471K	CERAMIC	50V	470pF
C2352	ECEA1HN2R2UB	ELECT	50V	2.2μF
C2353	ECJ2VB1H104K	CERAMIC	50V	100nF
C2357	ECQV1H154J	FILM	50V	150nF
C2359	ECJ2VB1H104K	CERAMIC	50V	100nF
C2360	ECUV1H223KBX	S.M. CAP	50V	22nF
C2362	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2363	ECQV1H684J	FILM	50V	680nF
C2365	ECA1HM330B	ELECT	50V	33μF
C2366	EEANA1E1R0B	CERAMIC	25V	0R1μF
C2367	ECJ2VC1H561J	CERAMIC	50V	560pF
C2368	ECJ3VB1H104K	CERAMIC	50V	100nF
C2369	ECJ2VB1H103K	CERAMIC	50V	10nF

Cct Ref	Parts Number	Description		
C2371	ECJ2VB1C154K	CERAMIC	16V	150nF
C2372	ECEA1CN100	ELECT	16V	10μF
C2373	ECJ2VB1H102K	CERAMIC	50V	1nF
C2374	ECJ2VB1H102K	CERAMIC	50V	1nF
C2375	ECJ2VB1H102K	CERAMIC	50V	1nF
C2376	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2377	ECJ2VB1H102K	CERAMIC	50V	1nF
C2378	ECA0JM222GB	ELECT	6.3V	2.2nF
C2380	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2383	ECJ2VC1H101J	CERAMIC	50V	100pF
C2386	ECJ2VB1H681K	CERAMIC	50V	680pF
C2387	ECJ3VB1H104K	CERAMIC	50V	100nF
C2388	ECJ2VB1H104K	CERAMIC	50V	100nF
C2389	ECJ2VB1C154K	CERAMIC	16V	150nF
C2390	ECQV1H334JL3	FILM	50V	330nF
C2391	ECJ2VB1H104K	CERAMIC	50V	100nF
C2392	ECUV1H223KBX	S.M. CAP	50V	22nF
C2393	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2395	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2396	ECA1HM2R2GB	ELECT	50V	2.2μF
C2397	EEANA1E1R0B	CERAMIC	25V	0R1μF
C2398	ECA1CM102B	ELECT	16V	1000μF
C2399	ECJ2VB1H103K	CERAMIC	50V	10nF
C2400	ECA1VHG221B	ELECT	35V	220μF
C2401	ECOS2GA101BB	ELECT	400V	100μF
C2402	ECA1CM221GB	ELECT	16V	220μF
C2403	ECKC3D471JB	CERAMIC	2KV	470pF
C2404	ECA1CM221GB	ELECT	16V	220μF
C2405	ECQB1H333J	FILM	50V	33nF
C2406	ECQB1H683K	FILM	50V	68nF
C2407	ECKC2H103J	CERAMIC	500V	10nF
C2416	ECQV1H104J	FILM	50V	100nF
C2417	ECKC2H471J	CERAMIC	500V	470pF
C2418	ECKC2H471J	CERAMIC	500V	470pF
C2419	EEUFC1E331B	CERAMIC	25V	330pF
C2420	ECA1HHG102E	ELECT	50V	1nF
C2421	ECA1VM102GE	ELECT	35V	1nF
C2422	ECA1VM102GE	ELECT	35V	1nF
C2423	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2424	ECEA1CN100	ELECT	16V	10μF
C2425	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2426	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2427	ECQV1H474JZ	FILM	50V	470nF
C2428	ECQV1H474JZ	FILM	50V	470nF
C2429	ECQV1H474JZ	FILM	50V	470nF
C2430	ECQV1H474JZ	FILM	50V	470nF
C2432	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2433	ECA1CM471GB	ELECT	16V	470μF
C2434	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2435	ECJ2YB1H473K	CERAMIC	50V	47nF
C2436	ECJ2YB1H473K	CERAMIC	50V	47nF
C2437	ECJ2YB1H473K	CERAMIC	50V	47nF
C2438	ECJ2YB1H473K	CERAMIC	50V	47nF
C2440	ECJ2VB1H104K	CERAMIC	50V	100nF
C2441	ECJ2VB1H104K	CERAMIC	50V	100nF
C2443	ECJ2VB1H103K	CERAMIC	50V	10nF
C2444	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2445	ECJ2VC1H561J	CERAMIC	50V	560pF
C2446	ECJ2VC1H561J	CERAMIC	50V	560pF
C2447	ECJ2VB1H103K	CERAMIC	50V	10nF
C2448	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2449	ECJ2VC1H561J	CERAMIC	50V	560pF
C2450	ECJ2VC1H561J	CERAMIC	50V	560pF
C2451	ECA1HM330B	ELECT	50V	33μF
C2452	ECA1HM330B	ELECT	50V	33μF
C2453	ECA1HM330B	ELECT	50V	33μF

Cct Ref	Parts Number	Description		
C2454	ECA1HM330B	ELECT	50V	33μF
C2455	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2456	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2457	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2458	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2459	ECEA1HU101	ELECT	50V	100μF
C2460	ECEA1HU101	ELECT	50V	100μF
C2461	ECEA1HU101	ELECT	50V	100μF
C2462	ECEA1HU101	ELECT	50V	100μF
C2463	ECJ2VB1H223K	CERAMIC	50V	22nF
C2464	ECJ2VB1H223K	CERAMIC	50V	22nF
C2465	ECJ2VB1H223K	CERAMIC	50V	22nF
C2466	ECJ2VB1H223K	CERAMIC	50V	22nF
C2471	ECA1HHG101B	ELECT	50V	100μF
C2472	ECEA1HU101	ELECT	50V	100μF
C2473	ECEA1HU101	ELECT	50V	100μF
C2474	ECEA1HU101	ELECT	50V	100μF
C2475	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2476	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2477	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2478	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2479	ECQV1H474JZ	FILM	50V	470nF
C2480	ECQV1H474JZ	FILM	50V	470nF
C2481	ECQV1H474JZ	FILM	50V	470nF
C2482	ECQV1H474JZ	FILM	50V	470nF
C2483	ECJ2VB1H102K	CERAMIC	50V	1nF
C2484	ECJ2VB1H102K	CERAMIC	50V	1nF
C2485	ECJ2VB1H102K	CERAMIC	50V	1nF
C2486	ECJ2VB1H102K	CERAMIC	50V	1nF
C2489	ECEA1HU221	ELECT	50V	220μF
C2490	ECUV1H104KBX	S.M. CAP	50V	100nF
C2491	ECUV1H683KBX	S.M. CAP	50V	68nF
C2492	ECUV1H683KBX	S.M. CAP	50V	68nF
C2493	ECUV1H104KBX	S.M. CAP	50V	100nF
C2494	ECJ2VB1E563K	CERAMIC	25V	56nF
C2495	ECJ2VB1H103K	CERAMIC	50V	10nF
C2496	ECJ2VC1H470J	CERAMIC	50V	47pF
C2497	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2498	ECJ2VC1H220J	CERAMIC	50V	22pF
C2499	ECJ2VB1H471K	CERAMIC	50V	470pF
C2500	ECQV1H334JL3	FILM	50V	330nF
C2501	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2502	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2503	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2504	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2505	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2506	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2507	ECJ2VF1H683Z	CAPACITO	50V	68nF
C2508	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2509	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2510	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2511	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2512	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2513	ECJ2YF1C225Z	CERAMIC	16V	2.2nF
C2514	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2515	ECJ2VC1H220J	CERAMIC	50V	22pF
C2516	ECJ2VB1C104K	CERAMIC	16V	100nF
C2517	ECJ2VC1H471J	CERAMIC	50V	470pF
C2519	ECJ2VC1H270J	CERAMIC	50V	27pF
C2520	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2521	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2523	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2524	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2525	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2526	ECEA1HKA3R3	ELECT	50V	3300pF
C2527	ECJ2VF1H104Z	CERAMIC	50V	100nF

Cct Ref	Parts Number	Description		
C2528	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2529	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2530	ECEA1HKA3R3	ELECT	50V	3300pF
C2531	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2532	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2533	ECJ2VF1H683Z	CAPACITO	50V	68nF
C2534	ECEA1CKA100	ELECT	16V	10μF
C2535	ECJ2VF1H683Z	CAPACITO	50V	68nF
C2536	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2537	ECJ2VF1H222Z	CERAMIC	50V	2.2nF
C2538	ECEA1CKA220B	ELECT	16V	20μF
C2539	ECEA1CKA100	ELECT	16V	10μF
C2540	ECEA1CKA220B	ELECT	16V	20μF
C2541	ECEA1CKA100	ELECT	16V	10μF
C2542	ECJ2VF1H222Z	CERAMIC	50V	2.2nF
C2543	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2544	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2546	ECEA1CKA101	ELECT	16V	100μF
C2547	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2550	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2551	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2552	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2553	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2555	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2556	ECEA1CKA470	ELECT	16V	47μF
C2557	ECEA1CKA470	ELECT	16V	47μF
C2558	ECJ2VC1H101J	CERAMIC	50V	100pF
C2559	ECJ2VC1H100C	CERAMIC	50V	10pF
C2561	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2562	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2563	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2564	ECJ2VC1H330J	CERAMIC	50V	33pF
C2565	ECJ2VC1H330J	CERAMIC	50V	33pF
C2566	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2567	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2568	ECEA1CKA100	ELECT	16V	10μF
C2573	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2574	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2575	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2576	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2577	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2578	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2579	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2580	ECEA1CKA470	ELECT	16V	47μF
C2588	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2589	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2590	ECA1CM471GB	ELECT	16V	470μF
C2592	ECJ2VB1H333K	CERAMIC	50V	33nF
C2594	ECJ2VB1H333K	CERAMIC	50V	33nF
C2596	ECUV1H333KBX	S.M. CAP	50V	33nF
C2597	ECUV1H333KBX	S.M. CAP	50V	33nF
C2601	ECEA1HN010UB	ELECT	50V	1μF
C2602	ECEA1HN010UB	ELECT	50V	1μF
C2603	ECEA1HN010UB	ELECT	50V	1μF
C2604	ECEA1HN010UB	ELECT	50V	1μF
C2605	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2606	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2610	ECA1CM471GB	ELECT	16V	470μF
C2611	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2612	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2613	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2614	ECJ2VC1H221J	CERAMIC	50V	220pF
C2615	ECJ2VC1H221J	CERAMIC	50V	220pF
C2616	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2617	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2618	ECEA1CKA101	ELECT	16V	100μF

Cct Ref	Parts Number	Description		
C2619	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2620	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2621	ECJ2VF1C474Z	CERAMIC	16V	470nF
C2622	ECEA1CKA101	ELECT	16V	100μF
C2623	ECJ2VC1H221J	CERAMIC	50V	220pF
C2624	ECJ2VC1H221J	CERAMIC	50V	220pF
C2625	ECJ2VC1H221J	CERAMIC	50V	220pF
C2626	ECJ2VC1H221J	CERAMIC	50V	220pF
C2627	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2628	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2629	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2630	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2631	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2632	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2633	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2634	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2635	ECJ2VC1H150J	CERAMIC	50V	15pF
C2636	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2638	ECJ2VC1H150J	CERAMIC	50V	15pF
C2639	ECJ2VC1H150J	CERAMIC	50V	15pF
C2640	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2644	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2645	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2646	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2647	ECEA1CKA101	ELECT	16V	100μF
C2650	ECJ2VC1H150J	CERAMIC	50V	15pF
C2651	ECJ2VC1H150J	CERAMIC	50V	15pF
C2652	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2653	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2654	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2655	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2656	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2657	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2660	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2661	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2662	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2663	ECEA1AKA221B	ELECT	10V	220μF
C2664	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2665	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2667	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2668	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2687	ECJ2VC1H102J	CERAMIC	50V	1nF
C2702	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2703	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2704	ECA1CM471GB	ELECT	16V	470μF
C2707	ECA1CHG471B	ELECT	16V	470μF
C2708	EEUFC1A471B	CERAMIC	10V	470pF
C2711	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2713	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2715	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2716	EEUFC1A471B	CERAMIC	10V	470pF
C2719	ECA1CM471GB	ELECT	16V	470μF
C2720	ECA1CM471GB	ELECT	16V	470μF
C2722	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2723	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2726	ECA1EHG102B	ELECT	25V	1000μF
C2730	ECA1CM471GB	ELECT	16V	470μF
C2731	ECA1CM471GB	ELECT	16V	470μF
C2732	EEUFC1A471B	CERAMIC	10V	470pF
C2733	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2734	ECA1EM471GB	ELECT	25V	470μF
C2737	ECA1CM471GB	ELECT	16V	470μF
C2740	ECA1CM471GB	ELECT	16V	470μF
C2750	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2751	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3001	ECJ2VF1C104Z	CERAMIC	16V	100nF

Cct Ref	Parts Number	Description		
C3003	ECEA1CN470	ELECT	16V	47µF
C3006	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3007	ECJ2VB1E473K	CERAMIC	25V	47nF
C3008	ECJ2VB1E473K	CERAMIC	25V	47nF
C3009	ECJ2VB1E473K	CERAMIC	25V	47nF
C3010	ECJ2VB1E473K	CERAMIC	25V	47nF
C3011	ECJ2VB1E473K	CERAMIC	25V	47nF
C3012	ECJ2VB1E473K	CERAMIC	25V	47nF
C3013	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3014	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3015	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3016	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3017	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3018	ECJ2VB1C104K	CERAMIC	16V	100nF
C3020	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3021	ECJ2VB1C104K	CERAMIC	16V	100nF
C3024	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3026	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3027	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3028	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3029	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3032	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3033	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3034	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3035	ECA1HM101GB	ELECT	50V	100µF
C3043	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3044	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3045	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3046	ECA1HM101GB	ELECT	50V	100µF
C3047	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3048	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3049	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3050	ECA1CM221GB	ELECT	16V	220µF
C3051	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3053	ECA1HM100GB	ELECT	50V	10µF
C3054	ECA1HM100GB	ELECT	50V	10µF
C3055	ECEA1HN100UB	ELECT	50V	10µF
C3056	ECEA1HN100UB	ELECT	50V	10µF
C3057	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3058	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3065	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3066	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3068	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3071	ECJ2VC1H101J	CERAMIC	50V	100pF
C3072	ECJ2VC1H101J	CERAMIC	50V	100pF
C3073	ECJ2VC1H101J	CERAMIC	50V	100pF
C3077	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3078	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3079	ECEA1CN470	ELECT	16V	47µF
C3101	ECQB1H333J	FILM	50V	33nF
C3102	ECQB1H333J	FILM	50V	33nF
C3107	ECKC1H561J	CERAMIC	50V	560pF
C3109	ECKC1H561J	CERAMIC	50V	560pF
C3111	ECKC1H103J	CERAMIC	50V	100µF
C3112	ECJ2VC1H680J	CERAMIC	50V	68pF
C3113	ECA1CM470GB	ELECT	16V	47µF
C3114	ECEA1CKA470	ELECT	16V	47µF
C3115	ECEA1CN470	ELECT	16V	47µF
C3301	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3302	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3303	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3322	ECJ2VC1H471J	CERAMIC	50V	470pF
C3323	ECA1HHG100B	ELECT	50V	10µF
C3324	ECA1HHG100B	ELECT	50V	10µF
C3401	ECJ2VC1H561J	CERAMIC	50V	560pF
C3404	ECJ2VC1H561J	CERAMIC	50V	560pF

Cct Ref	Parts Number	Description		
C3407	ECJ2VC1H561J	CERAMIC	50V	560pF
C3408	ECJ2VC1H561J	CERAMIC	50V	560pF
C3409	ECJ2VC1H561J	CERAMIC	50V	560pF
C3410	ECJ2VC1H561J	CERAMIC	50V	560pF
C3415	ECJ2VC1H102J	CERAMIC	50V	1nF
C3417	ECJ2VC1H561J	CERAMIC	50V	560pF
C3418	ECJ2VC1H561J	CERAMIC	50V	560pF
C3419	ECJ2VC1H561J	CERAMIC	50V	560pF
C3420	ECJ2VC1H561J	CERAMIC	50V	560pF
C3425	ECJ2VC1H102J	CERAMIC	50V	1nF
C3427	ECJ2VC1H561J	CERAMIC	50V	560pF
C3428	ECJ2VC1H561J	CERAMIC	50V	560pF
C3429	ECJ2VC1H561J	CERAMIC	50V	560pF
C3430	ECJ2VC1H561J	CERAMIC	50V	560pF
C3435	ECJ2VC1H102J	CERAMIC	50V	1nF
C3437	ECJ2VC1H561J	CERAMIC	50V	560pF
C3440	ECJ2VC1H561J	CERAMIC	50V	560pF
C3443	ECJ2VC1H561J	CERAMIC	50V	560pF
C3446	ECJ2VC1H561J	CERAMIC	50V	560pF
C3450	ECEA1AKA221B	ELECT	10V	220µF
C3451	ECEA1AKA221B	ELECT	10V	220µF
C3452	ECEA1CKA101	ELECT	16V	100µF
C3453	ECEA1CKA101	ELECT	16V	100µF
C3454	ECJ2VC1H220J	CERAMIC	50V	22pF
C3455	ECJ2VC1H220J	CERAMIC	50V	22pF
C3456	ECJ2VC1H220J	CERAMIC	50V	22pF
C3457	ECJ2VC1H221J	CERAMIC	50V	220pF
C3458	ECJ2VC1H221J	CERAMIC	50V	220pF
C3459	ECJ2VC1H221J	CERAMIC	50V	220pF
C3480	ECJ2VB1H104K	CERAMIC	50V	100nF
C3481	ECJ2VB1H104K	CERAMIC	50V	100nF
C3482	ECA1CM471GB	ELECT	16V	470µF
C3483	ECA1CM471GB	ELECT	16V	470µF
C4801	ECA1HM101GB	ELECT	50V	100µF
C4802	ECJ2VF1C104Z	CERAMIC	16V	100nF
C4803	ECQV1H334JL3	FILM	50V	330nF
C4804	ECQV1H334JL3	FILM	50V	330nF
C4805	ECJ2VF1C104Z	CERAMIC	16V	100nF
C4806	ECJ2VB1H103K	CERAMIC	50V	10nF
C4807	ECA1HM4R7GB	ELECT	50V	4.7µF
C4808	ECA1HM4R7GB	ELECT	50V	4.7µF
C4809	ECJ2VB1H103K	CERAMIC	50V	10nF
TERMINALS AND LINKS				
.	TJS59034	AUDIO TERMINAL		
JK3102	TJB8E026	AV TERMINAL		
JK3401	0350536400	SCART SOCKET		
JK3402	0350536400	SCART SOCKET		
JK3403	0350536400	SCART SOCKET		
JK3405	TJB8E015	RCA TERMINAL(3P)		
JK3406	TJB8E015	RCA TERMINAL(3P)		
JK3407	TORX178B	OPTICAL CONNECTOR		
JK3408	TORX178B	OPTICAL CONNECTOR		
R868	TSF19252	FS LINK		
R874	TSF19402	FS LINK		
R2405	TSF19252	FS LINK		
R2419	TSF19402	FS LINK		
R2420	TSF19252	FS LINK		
SWITCHES				
S840	ESB92S11B	SWITCH		
S1003	EVQ23405R	SWITCH		
S1004	EVQ23405R	SWITCH		
S1005	EVQ23405R	SWITCH		
S1006	EVQ23405R	SWITCH		
S1007	EVQ23405R	SWITCH		

Cct Ref	Parts Number	Description	
RELAYS			
RL801	K6B1ADA00010	RELAY	△
RL802	K6B2ADA00004	RELAY	△
DIFFERENCES FOR MODEL TX--28PB50D			
EXPLODED VIEW			
19	TNPH0348BL	A P.C.B.	△
20	ZTBZAD550A	ANODE CABLE	△
21	TKU8E00680	BACK COVER	
22	W66EKT10X71	C.R.T.	△
23	TKY8E560-1	CABINET	
24	TMW8E045	CONTROL BRACKET	
25	TNPH0349AM	D P.C.B.	△
26	TLK8E05175	DEGAUSS COIL	△
28	ZTFM77020A	FBT	△
29	TXJF0C0CJFG	FOCUS LEAD ASSEMBLY	△
30	TNP8EG004AA	G P.C.B.	△
31	TNPA1726AC	L P.C.B.	△
32	TQF8E3198-1	MODEL LABEL	△
33	TBMA060	PANASONIC BADGE	
MISCELLANEOUS COMPONENTS			
.	TBLG3019	SET FOOT (FRONT)	
.	TBLG3020	SET FOOT (REAR)	
.	TBM8E2138	PRESET LABELRIGHT	
.	TEK6935	LID SWITCH	
.	TES2298	CRT EARTH SPRING	
.	TKP8E1371	SPEAKER PANELEFT	
.	TKP8E1376	SPEAKER PANELRIGHT	
.	TKP8E1380	BOTTOM PANEL LEFT	
.	TKP8E1391-1	BOTTOM PANEL RIGHT	
.	TLK8E05177	ROTATION COIL	△
.	TPC8E4906	CARTON	
.	TPD8E757	TOP CUSHON	
.	TPD8E758	BOTTOM CUSHION	
INSTRUCTION BOOKS			
	TQB8E3299A	GERMAN	△
	TQB8E3299C	ITALIAN	△
	TQB8E3299D	FRENCH	△
I.C.s			
IC451	LA7845N	VERTICAL OUTPUT	
IC1104	X24BR200-3MD	EAROM *	
IC1252	PQ30RV21B	2.5V REGULATOR	
IC1304	C1AB00001230	VIDEO PROCESSOR	
IC2402	PQ30RV21B	2.5V REGULATOR	
COILS			
L558	EXCELDLR35C	COIL	
L574	ELHKL8070B	COIL	
L576	ELC18B221F	COIL	△
L579	ELHKL8061B	COIL	
L702	ELC18B121G	CHOKE COIL	
L2005	EXCELDLR35V	COIL	
RESISTORS			
JSA81	ERJ6GEY0R00	S.M.CARB 0.1W 5%	0 Ω
JSZ7	ERJ6GEY0R00	S.M.CARB 0.1W 5%	0 Ω
R353	ERJ6ENF1331	S.M.CARB 0.1W 1%	330 Ω
R363	ERJ6ENF1331	S.M.CARB 0.1W 1%	330 Ω
R372	ERJ6ENF1331	S.M.CARB 0.1W 1%	330 Ω
R451	ERDS1TJ3R3	CARBON 0.5W 5%	3R3 Ω
R452	ERDS1TJ3R3	CARBON 0.5W 5%	3R3 Ω
R509	ERX3FJ6R8H	METAL 3W 5%	6.8 Ω
R555	ERD25TJ473	CARBON 0.25W 5%	47K Ω
R556	ERF2AKR22	WOUND 0.5W 5%	R22 Ω

Cct Ref	Parts Number	Description	
R558	ERDS2TJ333T	CARBON 2W 5%	33K Ω
R559	ERD25TJ273	CARBON 0.25W 5%	27K Ω
R560	ERD25TJ393	CARBON 0.25W 5%	39K Ω
R572	ERD25TJ153	CARBON 0.25W 5%	15K Ω
R581	ERD25TJ623	CARBON 0.25W 5%	62K Ω
R582	ERD25TJ274	CARBON 0.25W 5%	270K Ω
R583	ERDS2TJ562	CARBON 2W 5%	5.6K Ω
R586	ERQ12HJ2R7	FUSIBLE 0.5W 5%	2.7 Ω
R591	EROS2TKF8871	METAL 2W 1%	8.87K Ω
R965	ERJ6GEYJ683	S.M.CARB 0.1W 5%	68K Ω
R967	ERJ6GEYJ683	S.M.CARB 0.1W 5%	68K Ω
R1458	ERJ6ENF6801	S.M.CARB 0.1W 1%	6K8 Ω
R2481	ERJ6GEYJ473	S.M.CARB 0.1W 5%	47K Ω
CAPACITORS			
C554	ECKC3D681J	CERAMIC 2KV	680pF △
C558	ECWH20472JVB	FILM 200V	4.7nF
C559	ECQF4123JZH	FILM 400V	12nF △
C561	ECWH20472JVB	FILM 200V	4.7nF
C562	ECQF4273JZH	FILM 400V	27nF △
C573	ECKC2H103J	CERAMIC 500V	10nF △
C578	ECWF4684JBB	FILM 400V	680nF
C579	ECWF4304JBP	FILM 400V	300nF
C580	ECWF4304JBP	FILM 400V	300nF
C586	ECQB1H473K	FILM 50V	47nF
C1500	EEVHB1C101P	CERAMIC 16V	100pF
C1520	ECQV1H104J	FILM 50V	100nF
TERMINALS AND LINKS			
JK351	0330550049	CRT SOCKET	△
DIFFERENCES FOR MODEL TX--28PB50F			
EXPLODED VIEW			
19	TNPH0348BN	A P.C.B.	△
20	ZTBZAD550A	ANODE CABLE	△
21	TKU8E00680	BACK COVER	
22	W66EKT10X71	C.R.T.	△
23	TKY8E560-1	CABINET	
24	TMW8E045	CONTROL BRACKET	
25	TNPH0349AM	D P.C.B.	△
26	TLK8E05175	DEGAUSS COIL	△
28	ZTFM77020A	FBT	△
29	TXJF0C0CJFG	FOCUS LEAD ASSEMBLY	△
30	TNP8EG004AA	G P.C.B.	△
31	TNPA1726AC	L P.C.B.	△
32	TQF8E3212-1	MODEL LABEL	△
33	TBMA060	PANASONIC BADGE	
MISCELLANEOUS COMPONENTS			
.	TBLG3019	SET FOOT (FRONT)	
.	TBLG3020	SET FOOT (REAR)	
.	TBM8E2138	PRESET LABELRIGHT	
.	TEK6935	LID SWITCH	
.	TES2298	CRT EARTH SPRING	
.	TKP8E1371	SPEAKER PANELEFT	
.	TKP8E1376	SPEAKER PANELRIGHT	
.	TKP8E1380	BOTTOM PANEL LEFT	
.	TKP8E1391-1	BOTTOM PANEL RIGHT	
.	TPC8E4906	CARTON	
.	TPD8E757	TOP CUSHON	
.	TPD8E758	BOTTOM CUSHION	
INSTRUCTION BOOKS			
	TQB8E3342AE	GERMAN/SPANISH	△
	TQB8E3342BD	DUTCH/FRENCH	△
	TQB8E3342FG	SWEDISH/NORWEGIAN	△
	TQB8E3342HK	DANISH/FINNISH(SUOMI)	△

Cct Ref	Parts Number	Description				
I.C.s						
IC451	LA7845N	VERTICAL OUTPUT				
IC1104	X24BR200-3MF	EAROM *				
IC1252	PQ30RV21B	2.5V REGULATOR				
IC1304	C1AB00001230	VIDEO PROCESSOR				
IC2402	PQ30RV21B	2.5V REGULATOR				
COILS						
L558	EXCELD35C	COIL				
L574	ELHKL8070B	COIL				
L576	ELC18B221F	COIL				
L579	ELHKL8061B	COIL				
L702	ELC18B121G	CHOKE COIL				
L2005	EXCELD35V	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSZ7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R509	ERX3FJ6R8H	METAL	3W	5%	6.8 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	
R558	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ393	CARBON	0.25W	5%	39K Ω	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R581	ERD25TJ623	CARBON	0.25W	5%	62K Ω	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω	
R583	ERDS2TJ562	CARBON	2W	5%	5.6K Ω	
R586	ERQ12HJ2R7	FUSIBLE	0.5W	5%	2.7 Ω	
R591	EROS2TKF8871	METAL	2W	1%	8.87K Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
R2481	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω	
CAPACITORS						
C554	ECKC3D681J	CERAMIC	2KV		680pF	
C558	ECWH20472JVB	FILM	200V		4.7nF	
C559	ECQF4123JZH	FILM	400V		12nF	
C561	ECWH20472JVB	FILM	200V		4.7nF	
C562	ECQF4273JZH	FILM	400V		27nF	
C573	ECKC2H103J	CERAMIC	500V		10nF	
C578	ECWF4684JBB	FILM	400V		680nF	
C579	ECWF4304JBP	FILM	400V		300nF	
C580	ECWF4304JBP	FILM	400V		300nF	
C586	ECQB1H473K	FILM	50V		47nF	
C1500	EEVHB1C101P	CERAMIC	16V		100pF	
C1520	ECQV1H104J	FILM	50V		100nF	
TERMINALS AND LINKS						
JK351	0330550049	CRT SOCKET				
DIFFERENCES FOR MODEL TX-32PB50D						
EXPLODED VIEW						
19	TNPH0348BH	A P.C.B.				
20	ZTBZAD550A	ANODE CABLE				
21	TKU8E00670	BACK COVER				
22	W76EKW10X72	C.R.T.				
23	TKY8E550	CABINET				
24	TMW8E045	CONTROL BRACKET				
25	TNPH0349AB	D P.C.B.				
26	TLK8E05123	DEGAUSS COIL				

Cct Ref	Parts Number	Description				
27	TNPA1806	DF P.C.B.				
28	ZTFM77009A	FBT				
29	TXJF0C0EFG	FOCUS LEAD ASSEMBLY				
30	TNP8EG004AA	G P.C.B.				
31	TNP8EL014AA	L P.C.B.				
32	TQF8E3189	MODEL LABEL				
33	TBMA060	PANASONIC BADGE				
MISCELLANEOUS COMPONENTS						
.	TBL4G3402	SET FOOT				
.	TES2298	CRT EARTH SPRING				
.	TKP8E1340	SPEAKER PANEL LEFT				
.	TKP8E1345	SPEAKER PANEL RIGHT				
.	TKP8E1350	BOTTOM PANEL LEFT				
.	TKP8E1361	BOTTOM PANEL RIGHT				
.	TLK8E05124	GEOMAGNETIC COIL				
.	TLK8E05177	ROTATION COIL				
.	TPC8E4903	CARTON				
.	TPD8E761	TOP CUSHION				
.	TPD8E762	BOTTOM CUSHION				
.	TPD8E776	SUB CUSHION				
.	TZS1EK002	SERVICE PACK				
R537	ERC12GK104V	DEGAUSS RESISTOR				
INSTRUCTION BOOKS						
	TQB8E3299A	GERMAN				
	TQB8E3299C	ITALIAN				
	TQB8E3299D	FRENCH				
I.C.s						
IC451	LA7845N	VERTICAL OUTPUT				
IC1104	X24BR200-6KD	EAROM *				
IC1252	PQ30RV21B	2.5V REGULATOR				
IC1304	C1AB00001230	VIDEO PROCESSOR				
IC2402	PQ30RV21B	2.5V REGULATOR				
DIODES						
D521	AU02AV0	DIODE				
D522	AU02AV0	DIODE				
D523	MA165TA5	DIODE				
D524	MA165TA5	DIODE				
D525	RP1HLFA5	DIODE				
D526	RP1HLFA5	DIODE				
TRANSISTORS						
Q463	BC847B	TRANSISTOR				
Q521	2SK1006RF122	TRANSISTOR				
Q522	2SC3311ATA	TRANSISTOR				
Q523	2SC3311ATA	TRANSISTOR				
Q524	2SC5460LB	TRANSISTOR				
Q525	2SC3311ATA	TRANSISTOR				
TRANSFORMERS						
T701	ETF18L101A	TRANSFORMER				
COILS						
L574	ELHKL040B	COIL				
L576	ELC18B801L	COIL				
L579	ELHKL061B	COIL				
L702	ELC18B121E	COIL				
L2005	EXCELD35V	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSZ7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R363	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R372	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R386	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R451	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R452	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	

Cct Ref	Parts Number	Description			
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω
R521	ERG2FJS123	METAL	2W	5%	12K Ω
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R533	ERG3FJS821	METAL	3W	5%	820 Ω
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω
R536	ERG3FJS821	METAL	3W	5%	820 Ω
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω
R558	ERDS1TJ333	CARBON	0.5W	5%	33K Ω
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω
R560	ERD25TJ183	CARBON	0.25W	5%	18K Ω
R581	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R582	ERD25TJ124	CARBON	0.25W	5%	120K Ω
R583	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω
R591	ERO25TKF9311	METAL	0.25W	1%	9K31 Ω
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω
R2481	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
CAPACITORS					
C473	ECQV1H104J	FILM	50V		100nF
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF
C521	ECKC3A152J	CERAMIC	1KV		1500pF
C522	ECKC3A272J	CERAMIC	1KV		2.7μF
C523	ECKC3A151J	CERAMIC	1KV		150pF
C524	ECQM6223JZW	FILM	600V		22nF
C525	ECQM4223JZW	FILM	400V		22nF
C526	ECKC3D101J	CERAMIC	2KV		100pF
C527	ECA1HM010GB	ELECT	50V		1μF
C528	ECKC3D471JB	CERAMIC	2KV		470pF
C529	ECA1HM100GB	ELECT	50V		10μF
C530	ECKC3A681J	CERAMIC	1KV		680pF
C531	ECKC3D102J	CERAMIC	2KV		1nF
C554	ECKC3D681J	CERAMIC	2KV		680pF
C558	ECWH20472JVB	FILM	200V		4.7nF
C559	ECQF4123JZH	FILM	400V		12nF
C561	ECWH20512JVB	FILM	200V		5.1nF
C562	ECQM4223KC	FILM	400V		220nF
C577	ECWF2274JBB	FILM	200V		270nF
C578	ECWF4304JBP	FILM	400V		300nF
C579	ECWF4334JBB	FILM	400V		330nF
C580	ECWF4474JBB	FILM	400V		470nF
C583	ECQB1H223K	FILM	50V		22nF
C1500	EEVHB1C101P	CERAMIC	16V		100pF
TERMINALS AND LINKS					
JK351	TJS1A5330	CRT SOCKET			
DIFFERENCES FOR MODEL TX--32PB50F					

Cct Ref	Parts Number	Description	
EXPLODED VIEW			
19	TNPH0348BM	A P.C.B.	
20	ZTBZAD550A	ANODE CABLE	
21	TKU8E00670	BACK COVER	
22	W76EKW10X72	C.R.T.	
23	TKY8E550	CABINET	
24	TMW8E045	CONTROL BRACKET	
25	TNPH0349AB	D P.C.B.	
26	TLK8E05123	DEGAUSS COIL	
27	TNPA1806	DF P.C.B.	
28	ZTFM77009A	FBT	
29	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	
30	TNP8EG004AA	G P.C.B.	
31	TNP8EL014AA	L P.C.B.	
32	TQF8E3207	MODEL LABEL	
33	TBMA060	PANASONIC BADGE	
MISCELLANEOUS COMPONENTS			
.	TBL4G3402	SET FOOT	
.	TES2298	CRT EARTH SPRING	
.	TKP8E1340	SPEAKER PANEL LEFT	
.	TKP8E1345	SPEAKER PANEL RIGHT	
.	TKP8E1350	BOTTOM PANEL LEFT	
.	TKP8E1361	BOTTOM PANEL RIGHT	
.	TLK8E05177	ROTATION COIL	
.	TPC8E4903	CARTON	
.	TPD8E761	TOP CUSHION	
.	TPD8E762	BOTTOM CUSHION	
.	TPD8E776	SUB CUSHION	
.	TZS1EK002	SERVICE PACK	
R537	ERC12GK104V	DEGAUSS RESISTOR	
INSTRUCTION BOOKS			
	TQB8E3342AE	GERMAN/SPANISH	
	TQB8E3342BD	DUTCH/FRENCH	
	TQB8E3342FG	SWEDISH/NORWEGIAN	
	TQB8E3342HK	DANISH/FINNISH(SUOMI)	
I.C.s			
IC451	LA7845N	VERTICAL OUTPUT	
IC1104	X24BR200-1KF	EAROM*	
IC1252	PQ30RV2B	REGULATOR IC	
IC1304	C1AB00001468	VIDEO PROCESSOR	
IC2402	PQ30RV2B	REGULATOR IC	
DIODES			
D521	AU02AV0	DIODE	
D522	AU02AV0	DIODE	
D523	MA165TA5	DIODE	
D524	MA165TA5	DIODE	
D525	RP1HLFA5	DIODE	
D526	RP1HLFA5	DIODE	
TRANSISTORS			
Q463	BC847B	TRANSISTOR	
Q521	2SK1006RF122	TRANSISTOR	
Q522	2SC3311ATA	TRANSISTOR	
Q523	2SC3311ATA	TRANSISTOR	
Q524	2SC5460LB	TRANSISTOR	
Q525	2SC3311ATA	TRANSISTOR	
TRANSFORMERS			
T701	ETF18L101A	TRANSFORMER	
COILS			
L574	ELHKL040B	COIL	
L576	ELC18B801L	COIL	
L579	ELHKL061B	COIL	
L702	ELC18B121E	COIL	

Cct Ref	Parts Number	Description			
RESISTORS					
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R353	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R363	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R372	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R386	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R451	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω
R452	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω
R521	ERG2FJS123	METAL	2W	5%	12K Ω
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R533	ERG3FJS821	METAL	3W	5%	820 Ω
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω
R536	ERG3FJS821	METAL	3W	5%	820 Ω
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω
R558	ERDS1TJ333	CARBON	0.5W	5%	33K Ω
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω
R560	ERD25TJ183	CARBON	0.25W	5%	18K Ω
R581	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R582	ERD25TJ124	CARBON	0.25W	5%	120K Ω
R583	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω
R591	ERO25TKF9311	METAL	0.25W	1%	9K31 Ω
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω
CAPACITORS					
C473	ECQV1H104J	FILM	50V		100nF
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF
C521	ECKC3A152J	CERAMIC	1KV		1500pF
C522	ECKC3A272J	CERAMIC	1KV		2.7μF
C523	ECKC3A151J	CERAMIC	1KV		150pF
C524	ECQM6223JZW	FILM	600V		22nF
C525	ECQM4223JZW	FILM	400V		22nF
C526	ECKC3D101J	CERAMIC	2KV		100pF
C527	ECA1HM010GB	ELECT	50V		1μF
C528	ECKC3D471JB	CERAMIC	2KV		470pF
C529	ECA1HM100GB	ELECT	50V		10μF
C530	ECKC3A681J	CERAMIC	1KV		680pF
C531	ECKC3D102J	CERAMIC	2KV		1nF
C554	ECKC3D681J	CERAMIC	2KV		680pF
C558	ECWH20472JVB	FILM	200V		4.7nF
C559	ECQF4123JZH	FILM	400V		12nF
C561	ECWH20512JVB	FILM	200V		5.1nF
C562	ECQM4223KC	FILM	400V		220nF
C577	ECWF2274JBB	FILM	200V		270nF
C578	ECWF4304JBP	FILM	400V		300nF
C579	ECWF4334JBB	FILM	400V		330nF
C580	ECWF4474JBB	FILM	400V		470nF
C583	ECQB1H223K	FILM	50V		22nF
C1500	EEVHB0J101P	CERAMIC	10V		100pF

Cct Ref	Parts Number	Description	
TERMINALS AND LINKS			
JK351	TJS1A5330	CRT SOCKET	
JK351	TJS1A5330	CRT SOCKET	
DIFFERENCES FOR MODEL TX--32PB50FP			
EXPLODED VIEW			
19	TNPH0348CJ	A P.C.B.	
20	ZTBZAD550A	ANODE CABLE	
21	TKU8E00670	BACK COVER	
22	W76EKW10X72	C.R.T.	
23	TKY8E550	CABINET	
24	TMW8E045	CONTROL BRACKET	
25	TNPH0349AB	D P.C.B.	
26	TLK8E05123	DEGAUSS COIL	
27	TNPA1806	DF P.C.B.	
28	ZTFM77009A	FBT	
29	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	
30	TNP8EG004AA	G P.C.B.	
31	TNP8EL014AA	L P.C.B.	
32	TQF8E3208	MODEL LABEL	
33	TBMA060	PANASONIC BADGE	
MISCELLANEOUS COMPONENTS			
.	TBL4G3402	SET FOOT	
.	TES2298	CRT EARTH SPRING	
.	TKP8E1340	SPEAKER PANEL LEFT	
.	TKP8E1345	SPEAKER PANEL RIGHT	
.	TKP8E1350	BOTTOM PANEL LEFT	
.	TKP8E1361	BOTTOM PANEL RIGHT	
.	TLK8E05124	GEOMAGNETIC COIL	
.	TLK8E05177	ROTATION COIL	
.	TPC8E4903	CARTON	
.	TPD8E761	TOP CUSHION	
.	TPD8E762	BOTTOM CUSHION	
.	TPD8E776	SUB CUSHION	
.	TZS1EK002	SERVICE PACK	
R537	ERC12GK104V	DEGAUSS RESISTOR	
INSTRUCTION BOOKS			
	TQB8E3338MN2	BULGARIAN/ROMANIAN	
	TQB8E3338PQ2	POLISH/HUNGARIAN	
	TQB8E3338RU2	CZECH/ENGLISH	
I.C.s			
IC451	LA7845N	VERTICAL OUTPUT	
IC1104	X24BR200-6KP	EAROM *	
IC1252	PQ30RV21B	2.5V REGULATOR	
IC1304	C1AB00001230	VIDEO PROCESSOR	
IC2402	PQ30RV21B	2.5V REGULATOR	
DIODES			
D521	AU02AV0	DIODE	
D522	AU02AV0	DIODE	
D523	MA165TA5	DIODE	
D524	MA165TA5	DIODE	
D525	RP1HLFA5	DIODE	
D526	RP1HLFA5	DIODE	
TRANSISTORS			
Q463	BC847B	TRANSISTOR	
Q521	2SK1006RF122	TRANSISTOR	
Q522	2SC3311ATA	TRANSISTOR	
Q523	2SC3311ATA	TRANSISTOR	
Q524	2SC5460LB	TRANSISTOR	
Q525	2SC3311ATA	TRANSISTOR	
TRANSFORMERS			
T701	ETF18L101A	TRANSFORMER	

Cct Ref	Parts Number	Description				
COILS						
L574	ELHKL040B	COIL				
L576	ELC18B801L	COIL				
L579	ELHKL061B	COIL				
L702	ELC18B121E	COIL				
L2005	EXCELD35V	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSZ7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R363	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R372	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R386	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R451	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R452	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω	
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R521	ERG2FJS123	METAL	2W	5%	12K Ω	
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω	
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω	⚠
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω	
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω	
R536	ERG3FJS821	METAL	3W	5%	820 Ω	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	
R558	ERDS1TJ333	CARBON	0.5W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ183	CARBON	0.25W	5%	18K Ω	
R581	ERDS2TJ104T	CARBON	2W	5%	100K Ω	
R582	ERD25TJ124	CARBON	0.25W	5%	120K Ω	
R583	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω	⚠
R591	ERO25TKF9311	METAL	0.25W	1%	9K31 Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
R2481	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω	
CAPACITORS						
C473	ECQV1H104J	FILM	50V		100nF	
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF	
C521	ECKC3A152J	CERAMIC	1KV		1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV		2.7μF	
C523	ECKC3A151J	CERAMIC	1KV		150pF	⚠
C524	ECQM6223JZW	FILM	600V		22nF	
C525	ECQM4223JZW	FILM	400V		22nF	
C526	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C527	ECA1HM010GB	ELECT	50V		1μF	
C528	ECKC3D471JB	CERAMIC	2KV		470pF	⚠
C529	ECA1HM100GB	ELECT	50V		10μF	
C530	ECKC3A681J	CERAMIC	1KV		680pF	⚠
C531	ECKC3D102J	CERAMIC	2KV		1nF	⚠
C554	ECKC3D681J	CERAMIC	2KV		680pF	⚠
C558	ECWH20472JVB	FILM	200V		4.7nF	

Cct Ref	Parts Number	Description			
C559	ECQF4123JZH	FILM	400V	12nF	⚠
C561	ECWH20512JVB	FILM	200V	5.1nF	
C562	ECQM4223KC	FILM	400V	220nF	
C577	ECWF2274JBB	FILM	200V	270nF	
C578	ECWF4304JBP	FILM	400V	300nF	
C579	ECWF4334JBB	FILM	400V	330nF	
C580	ECWF4474JBB	FILM	400V	470nF	
C583	ECQB1H223K	FILM	50V	22nF	
C1500	EEVHB1C101P	CERAMIC	16V	100pF	
TERMINALS AND LINKS					
JK351	TJS1A5330	CRT SOCKET	⚠		
DIFFERENCES FOR MODEL TX--36PB50D					
EXPLODED VIEW					
19	TNPH0348BS	A P.C.B.	⚠		
20	ZTBZAD650E	ANODE CABLE	⚠		
21	TKU8E00700	BACK COVER			
22	W86LPX955X07	C.R.T.	⚠		
23	TKY8E580	CABINET	⚠		
25	TNPH0349	D P.C.B.	⚠		
26	TLK8E05147	DEGAUSS COIL			
27	TNPA1806	DF P.C.B.	⚠		
28	ZTFM77009A	FBT	⚠		
29	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	⚠		
30	TNP8EG004AB	G P.C.B.	⚠		
31	TNPA1726	L P.C.B.	⚠		
32	TQF8E3204-1	MODEL LABEL	⚠		
33	TBMA059	PANASONIC BADGE			
MISCELLANEOUS COMPONENTS					
.	TBM8E2138	PRESET LABELRIGHT			
.	TEK6935	LID SWITCH			
.	TKP8E1437	SPEAKER PANEL LEFT			
.	TKP8E1442	SPEAKER PANEL RIGHT			
.	TKP8E1446	BOTTOM PANEL LEFT			
.	TKP8E1456-1	BOTTOM PANEL RIGHT			
.	TPC8E4908	TOP CARTON			
.	TPC8E4909	BOTTOM CARTON			
.	TPD169487	CARTON HANDLE			
.	TPD8E764	BOTTOM CUSHION			
.	TPD8E778	SUB CUSHION			
.	TZS1EK002	SERVICE PACK			
R537	ERC12GK104V	DEGAUSS RESISTOR			
SK401	TES2298	CRT EARTH SPRING			
SK402	TES2298	CRT EARTH SPRING			
SPK1	EAB12149C2	SPEAKER (WOOFER)			
SPK2	EAB12149C2	SPEAKER (WOOFER)			
SPK3	EASG7DH08B2	SPEAKER (TWEETER)			
SPK4	EASG7DH08B2	SPEAKER (TWEETER)			
TES01	TES2298	CRT EARTH SPRING			
TES02	TES2298	CRT EARTH SPRING			
INSTRUCTION BOOKS					
	TQB8E3514A	GERMAN	⚠		
	TQB8E3514C	ITALIAN	⚠		
	TQB8E3514D	FRENCH	⚠		
I.C.s					
IC451	LA7876N	VERTICAL OUTPUT			
IC1104	X24BR200-2ID	EAROM *			
IC1252	PQ30RV21B	2.5V REGULATOR			
IC1304	C1AB00001230	VIDEO PROCESSOR			
IC2402	PQ30RV21B	2.5V REGULATOR			
DIODES					
D450	EU02AV1	DIODE			
D521	AU02AV0	DIODE			

Cct Ref	Parts Number	Description				
D522	AU02AV0	DIODE				
D523	MA165TA5	DIODE				
D524	MA165TA5	DIODE				
D525	RP1HLFA5	DIODE				
D526	RP1HLFA5	DIODE				
TRANSISTORS						
Q463	BC847B	TRANSISTOR				
Q521	2SK1006RF122	TRANSISTOR				
Q522	2SC3311ATA	TRANSISTOR				
Q523	2SC3311ATA	TRANSISTOR				
Q524	2SC5460LB	TRANSISTOR				
Q525	2SC3311ATA	TRANSISTOR				
TRANSFORMERS						
T701	ETF18L101A	TRANSFORMER				
COILS						
L521	TALL13T182JB	COIL				
L574	ELH5L7701	LINEARITY COIL				
L575	ELHKL8071B	COIL				
L576	ELC18B331E	COIL				
L702	ELC18B331E	COIL				
L2005	EXCELD8R35V	COIL				
RESISTORS						
JSZ7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω	
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R521	ERG2FJS123	METAL	2W	5%	12K Ω	
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω	
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω	⚠
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω	
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω	
R536	ERG3FJS821	METAL	3W	5%	820 Ω	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω	
R555	ERO25TKF4702	METAL	0.25W	1%	47K Ω	
R556	ERF2AKR18P	WOUND	2W	1%	R18 Ω	
R558	ERO25TKF2202	METAL	0.25W	10%	22K Ω	
R559	EROS2TKF1502	METAL	2W	1%	15K Ω	
R560	ERO25TKF3902	METAL	0.25W	10%	39K Ω	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R581	ERDS2TJ154	CARBON	2W	5%	150K Ω	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω	
R583	ERD25TJ822	CARBON	0.25W	5%	8K2 Ω	
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω	⚠
R591	ERO25TKF9311	METAL	0.25W	1%	9K31 Ω	
R965	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R967	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R1458	ERJ6ENF6201V	S.M.CARB	0.1W	1%	6K2 Ω	
R2481	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω	
CAPACITORS						
C450	ECA1VM102GB	ELECT	35V		1nF	

Cct Ref	Parts Number	Description		
C473	ECQV1H104J	FILM	50V	100nF
C474	ECJ2VF1H103Z	CERAMIC	50V	10nF
C521	ECKC3A152J	CERAMIC	1KV	1500pF
C522	ECKC3A272J	CERAMIC	1KV	2.7μF
C523	ECKC3A151J	CERAMIC	1KV	150pF
C524	ECQM6223JZW	FILM	600V	22nF
C525	ECQM4223JZW	FILM	400V	22nF
C526	ECKC3D101J	CERAMIC	2KV	100pF
C527	ECA1HM010GB	ELECT	50V	1μF
C528	ECKC3D471JB	CERAMIC	2KV	470pF
C529	ECA1HM100GB	ELECT	50V	10μF
C530	ECKC3A681J	CERAMIC	1KV	680pF
C531	ECKC3D102J	CERAMIC	2KV	1nF
C551	ECKC3A821J	CERAMIC	1KV	820pF
C554	ECKC3D561J	CERAMIC	2KV	560pF
C558	ECWH20562JVB	FILM	200V	5.6nF
C559	ECQF4103JZH	FILM	400V	10nF
C561	ECWH20562JVB	FILM	200V	5.6nF
C562	ECQF4822JZH	FILM	400V	8.2nF
C573	ECQM4223JZW	FILM	400V	22nF
C577	ECWF4304JBP	FILM	400V	300nF
C578	ECWF4334JBB	FILM	400V	330nF
C579	ECWF4564JBB	FILM	400V	560nF
C580	ECWF4684JBB	FILM	400V	680nF
C583	ECQB1H223K	FILM	50V	22nF
C1500	EEVHB1C101P	CERAMIC	16V	100pF
C2370	ECA1HM100GB	ELECT	50V	10μF
TERMINALS AND LINKS				
JK351	TJS1A5330	CRT SOCKET		
DIFFERENCES FOR MODEL TX--36PB50F				
EXPLODED VIEW				
19	TNPH0348BQ	A P.C.B.		
20	ZTBZAD650E	ANODE CABLE		
21	TKU8E00700	BACK COVER		
22	W86LPX955X07	C.R.T.		
23	TKY8E580	CABINET		
24	TMW8E049-1	CONTROL BRACKET		
25	TNPH0349	D P.C.B.		
26	TLK8E05147	DEGAUSS COIL		
27	TNPA1806	DF P.C.B.		
28	ZTFM77009A	FBT		
29	TXJF0C0EFG	FOCUS LEAD ASSEMBLY		
30	TNP8EG004AB	G P.C.B.		
31	TNPA1726	L P.C.B.		
32	TQF8E3219-1	MODEL LABEL		
33	TBMA059	PANASONIC BADGE		
MISCELLANEOUS COMPONENTS				
.	TBM8E2138	PRESET LABELRIGHT		
.	TEK6935	LID SWITCH		
.	TKP8E1437	SPEAKER PANEL LEFT		
.	TKP8E1442	SPEAKER PANEL RIGHT		
.	TKP8E1446	BOTTOM PANEL LEFT		
.	TKP8E1456-1	BOTTOM PANEL RIGHT		
.	TPC8E4908	TOP CARTON		
.	TPC8E4909	BOTTOM CARTON		
.	TPD169487	CARTON HANDLE		
.	TPD8E764	BOTTOM CUSHION		
.	TPD8E778	SUB CUSHION		
.	TZS1EK002	SERVICE PACK		
R537	ERC12GK104V	DEGAUSS RESISTOR		
SK401	TES2298	CRT EARTH SPRING		
SK402	TES2298	CRT EARTH SPRING		
SPK1	EAB12149C2	SPEAKER (WOOFER)		

Cct Ref	Parts Number	Description			
SPK2	EAB12149C2	SPEAKER (WOOFER)			
SPK3	EASG7DH08B2	SPEAKER (TWEETER)			
SPK4	EASG7DH08B2	SPEAKER (TWEETER)			
TES01	TES2298	CRT EARTH SPRING			
TES02	TES2298	CRT EARTH SPRING			
INSTRUCTION BOOKS					
	TQB8E3513AE	GERMAN/SPANISH			△
	TQB8E3513BD	DUTCH/FRENCH			△
	TQB8E3513FG	SWEDISH/NORWEGIAN			△
	TQB8E3513HK	DANISH/FINNISH(SUOMI)			△
I.C.s					
IC451	LA7876N	VERTICAL OUTPUT			
IC1104	X24BR200-2IF	EAROM*			
IC1252	PQ30RV21B	2.5V REGULATOR			
IC1304	C1AB00001230	VIDEO PROCESSOR			
IC2402	PQ30RV21B	2.5V REGULATOR			
DIODES					
D450	EU02AV1	DIODE			
D521	AU02AV0	DIODE			
D522	AU02AV0	DIODE			
D523	MA165TA5	DIODE			
D524	MA165TA5	DIODE			
D525	RP1HLFA5	DIODE			
D526	RP1HLFA5	DIODE			
TRANSISTORS					
Q463	BC847B	TRANSISTOR			
Q521	2SK1006RF122	TRANSISTOR			
Q522	2SC3311ATA	TRANSISTOR			
Q523	2SC3311ATA	TRANSISTOR			
Q524	2SC5460LB	TRANSISTOR			
Q525	2SC3311ATA	TRANSISTOR			
TRANSFORMERS					
T701	ETF18L101A	TRANSFORMER			△
COILS					
L574	ELH5L7701	LINEARITY COIL			
L575	ELHKLB071B	COIL			
L576	ELC18B331E	COIL			
L702	ELC18B331E	COIL			
L2005	EXCELDLR35V	COIL			
RESISTORS					
JSZ7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω
R521	ERG2FJS123	METAL	2W	5%	12K Ω
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω △
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R533	ERG3FJS821	METAL	3W	5%	820 Ω
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω
R536	ERG3FJS821	METAL	3W	5%	820 Ω

Cct Ref	Parts Number	Description			
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω
R555	ERO25TKF4702	METAL	0.25W	1%	47K Ω
R556	ERF2AKR18P	WOUND	2W	1%	R18 Ω
R558	ERO25TKF2202	METAL	0.25W	10%	22K Ω
R559	EROS2TKF1502	METAL	2W	1%	15K Ω
R560	ERO25TKF3902	METAL	0.25W	10%	39K Ω
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω
R581	ERDS2TJ154	CARBON	2W	5%	150K Ω
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω
R583	ERD25TJ822	CARBON	0.25W	5%	8K2 Ω
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω △
R591	ERO25TKF9311	METAL	0.25W	1%	9K31 Ω
R965	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R967	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R1458	ERJ6ENF6201V	S.M.CARB	0.1W	1%	6K2 Ω
R2481	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
CAPACITORS					
C450	ECA1VM102GB	ELECT	35V		1nF
C473	ECQV1H104J	FILM	50V		100nF
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF
C521	ECKC3A152J	CERAMIC	1KV		1500pF △
C522	ECKC3A272J	CERAMIC	1KV		2.7μF
C523	ECKC3A151J	CERAMIC	1KV		150pF △
C524	ECQM6223JZW	FILM	600V		22nF
C525	ECQM4223JZW	FILM	400V		22nF
C526	ECKC3D101J	CERAMIC	2KV		100pF △
C527	ECA1HM010GB	ELECT	50V		1μF
C528	ECKC3D471JB	CERAMIC	2KV		470pF △
C529	ECA1HM100GB	ELECT	50V		10μF
C530	ECKC3A681J	CERAMIC	1KV		680pF △
C531	ECKC3D102J	CERAMIC	2KV		1nF △
C551	ECKC3A821J	CERAMIC	1KV		820pF △
C554	ECKC3D561J	CERAMIC	2KV		560pF △
C558	ECWH20562JVB	FILM	200V		5.6nF
C559	ECQF4103JZH	FILM	400V		10nF
C561	ECWH20562JVB	FILM	200V		5.6nF
C562	ECQF4822JZH	FILM	400V		8.2nF
C573	ECQM4223JZW	FILM	400V		22nF
C577	ECWF4304JBP	FILM	400V		300nF
C578	ECWF4334JBB	FILM	400V		330nF
C579	ECWF4564JBB	FILM	400V		560nF
C580	ECWF4684JBB	FILM	400V		680nF
C583	ECQB1H223K	FILM	50V		22nF
C1500	EEVHB1C101P	CERAMIC	16V		100pF
C2370	ECA1HM100GB	ELECT	50V		10μF
TERMINALS AND LINKS					
JK351	TJS1A5330	CRT SOCKET			△
DIFFERENCES FOR MODEL TX--36PB50FP					
EXPLODED VIEW					
19	TNPH0348CF	A P.C.B.			△
20	ZTBZAD650E	ANODE CABLE			△
21	TKU8E00700	BACK COVER			
22	W86LPX955X07	C.R.T.			△
23	TKY8E580	CABINET			△
24	TMW8E049-1	CONTROL BRACKET			
25	TNPH0349	D P.C.B.			△
26	TLK8E05147	DEGAUSS COIL			
27	TNPA1806	DF P.C.B.			△
28	ZTFM77009A	FBT			△
29	TXJF0C0EFG	FOCUS LEAD ASSEMBLY			△
30	TNP8EG004AB	G P.C.B.			△
31	TNPA1726	L P.C.B.			△

Cct Ref	Parts Number	Description	
32	TQF8E3218-1	MODEL LABEL	⚠
33	TBMA059	PANASONIC BADGE	
MISCELLANEOUS COMPONENTS			
.	TBM8E2138	PRESET LABELRIGHT	
.	TEK6935	LID SWITCH	
.	TKP8E1437	SPEAKER PANEL LEFT	
.	TKP8E1442	SPEAKER PANEL RIGHT	
.	TKP8E1446	BOTTOM PANEL LEFT	
.	TKP8E1456-1	BOTTOM PANEL RIGHT	
.	TPC8E4908	TOP CARTON	
.	TPC8E4909	BOTTOM CARTON	
.	TPD169487	CARTON HANDLE	
.	TPD8E764	BOTTOM CUSHION	
.	TPD8E778	SUB CUSHION	
.	TZS1EK002	SERVICE PACK	
R537	ERC12GK104V	DEGAUSS RESISTOR	
SK401	TES2298	CRT EARTH SPRING	
SK402	TES2298	CRT EARTH SPRING	
SPK1	EAB12149C2	SPEAKER (WOOFER)	
SPK2	EAB12149C2	SPEAKER (WOOFER)	
SPK3	EASG7DH08B2	SPEAKER (TWEETER)	
SPK4	EASG7DH08B2	SPEAKER (TWEETER)	
TES01	TES2298	CRT EARTH SPRING	
TES02	TES2298	CRT EARTH SPRING	
INSTRUCTION BOOKS			
	TQB8E3515MN	BULGARIAN/ROMANIAN	⚠
	TQB8E3515PQ	POLISH/HUNGARIAN	⚠
	TQB8E3515RU	CZECH/ENGLISH	⚠
I.C.s			
IC451	LA7876N	VERTICAL OUTPUT	
IC1104	X24BR200-11P	EAROM	
IC1252	PQ30RV21B	2.5V REGULATOR	
IC1304	C1AB00001230	VIDEO PROCESSOR	
IC2402	PQ30RV21B	2.5V REGULATOR	
DIODES			
D450	EU02AV1	DIODE	
D521	AU02AV0	DIODE	
D522	AU02AV0	DIODE	
D523	MA165TA5	DIODE	
D524	MA165TA5	DIODE	
D525	RP1HLFA5	DIODE	
D526	RP1HLFA5	DIODE	
TRANSISTORS			
Q463	BC847B	TRANSISTOR	
Q521	2SK1006RF122	TRANSISTOR	
Q522	2SC3311ATA	TRANSISTOR	
Q523	2SC3311ATA	TRANSISTOR	
Q524	2SC5460LB	TRANSISTOR	
Q525	2SC3311ATA	TRANSISTOR	
TRANSFORMERS			
T701	ETF18L101A	TRANSFORMER	⚠
COILS			
L574	ELH5L7701	LINEARITY COIL	
L575	ELHKL071B	COIL	
L576	ELC18B331E	COIL	
L702	ELC18B331E	COIL	
L2005	EXCELDLR35V	COIL	
RESISTORS			
JSZ7	ERJ6GEY0R00	S.M.CARB	0.1W 5% 0 Ω
R353	ERJ6ENF1331	S.M.CARB	0.1W 1% 330 Ω
R363	ERJ6ENF1331	S.M.CARB	0.1W 1% 330 Ω
R372	ERJ6ENF1331	S.M.CARB	0.1W 1% 330 Ω
R451	ERDS1TJ3R3	CARBON	0.5W 5% 3R3 Ω

Cct Ref	Parts Number	Description	
R452	ERDS1TJ3R3	CARBON	0.5W 5% 3R3 Ω
R473	ERJ6GEYJ222	S.M.CARB	0.1W 5% 2K2 Ω
R474	ERJ6GEYJ103	S.M.CARB	0.1W 5% 10K Ω
R509	ERX3FJ1R0	METAL	3W 5% 1 Ω
R520	ERD25TJ153	CARBON	0.25W 5% 15K Ω
R521	ERG2FJS123	METAL	2W 5% 12K Ω
R522	ERD25TJ101	CARBON	0.25W 5% 100 Ω
R523	ERD25TJ103	CARBON	0.25W 5% 10K Ω
R524	ERD25TJ103	CARBON	0.25W 5% 10K Ω
R525	ERD25TJ102	CARBON	0.25W 5% 1K Ω
R526	ERC14GK184	SOLID	0.25W 5% 180K Ω
R527	ERC14GK224	SOLID	1/4W 5% 220K Ω ⚠
R530	ERD25TJ101	CARBON	0.25W 5% 100 Ω
R531	ERC14GK334	SOLID	0.25W 10% 330K Ω
R532	ERD25TJ473	CARBON	0.25W 5% 47K Ω
R533	ERG3FJS821	METAL	3W 5% 820 Ω
R534	ERDS2TJ333T	CARBON	2W 5% 33K Ω
R535	ERG1FJS332	METAL	1W 5% 3R3K Ω
R536	ERG3FJS821	METAL	3W 5% 820 Ω
R538	ERC14GK225	SOLID	1/4W 5% 2.2M Ω
R540	ERD25TJ560	CARBON	0.25W 5% 56 Ω
R555	ERO25TKF4702	METAL	0.25W 1% 47K Ω
R556	ERF2AKR18P	WOUND	2W 1% R18 Ω
R558	ERO25TKF2202	METAL	0.25W 10% 22K Ω
R559	EROS2TKF1502	METAL	2W 1% 15K Ω
R560	ERO25TKF3902	METAL	0.25W 10% 39K Ω
R572	ERD25TJ153	CARBON	0.25W 5% 15K Ω
R581	ERDS2TJ154	CARBON	2W 5% 150K Ω
R582	ERD25TJ274	CARBON	0.25W 5% 270K Ω
R583	ERD25TJ822	CARBON	0.25W 5% 8K2 Ω
R586	ERQ2CJP2R2	METAL	2W 5% 2R2 Ω ⚠
R591	ERO25TKF9311	METAL	0.25W 1% 9K31 Ω
R965	ERJ6GEYJ223	S.M.CARB	0.1W 5% 22K Ω
R967	ERJ6GEYJ223	S.M.CARB	0.1W 5% 22K Ω
R1458	ERJ6ENF6201V	S.M.CARB	0.1W 1% 6K2 Ω
R2481	ERJ6GEYJ473	S.M.CARB	0.1W 5% 47K Ω
CAPACITORS			
C450	ECA1VM102GB	ELECT	35V 1nF
C473	ECQV1H104J	FILM	50V 100nF
C474	ECJ2VF1H103Z	CERAMIC	50V 10nF
C521	ECKC3A152J	CERAMIC	1KV 1500pF ⚠
C522	ECKC3A272J	CERAMIC	1KV 2.7µF
C523	ECKC3A151J	CERAMIC	1KV 150pF ⚠
C524	ECQM6223JZW	FILM	600V 22nF
C525	ECQM4223JZW	FILM	400V 22nF
C526	ECKC3D101J	CERAMIC	2KV 100pF ⚠
C527	ECA1HM010GB	ELECT	50V 1µF
C528	ECKC3D471JB	CERAMIC	2KV 470pF ⚠
C529	ECA1HM100GB	ELECT	50V 10µF
C530	ECKC3A681J	CERAMIC	1KV 680pF ⚠
C531	ECKC3D102J	CERAMIC	2KV 1nF ⚠
C551	ECKC3A821J	CERAMIC	1KV 820pF ⚠
C554	ECKC3D561J	CERAMIC	2KV 560pF ⚠
C558	ECWH20562JVB	FILM	200V 5.6nF
C559	ECQF4103JZH	FILM	400V 10nF
C561	ECWH20562JVB	FILM	200V 5.6nF
C562	ECQF4822JZH	FILM	400V 8.2nF
C573	ECQM4223JZW	FILM	400V 22nF
C577	ECWF4304JBP	FILM	400V 300nF
C578	ECWF4334JBB	FILM	400V 330nF
C579	ECWF4564JBB	FILM	400V 560nF
C580	ECWF4684JBB	FILM	400V 680nF
C583	ECQB1H223K	FILM	50V 22nF
C1500	EEVHB1C101P	CERAMIC	16V 100pF
C2370	ECA1HM100GB	ELECT	50V 10µF

Cct Ref	Parts Number	Description
TERMINALS AND LINKS		
JK351	TJS1A5330	CRT SOCKET

Cct Ref	Parts Number	Description

SCHEMATIC DIAGRAMS FOR MODELS


TX-28/32/36PB50D

TX-28/32/36PB50F

TX-32/36PB50F/P

(EURO-7 CHASSIS)



IMPORTANT SAFETY NOTICE

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.



NOTE

1. **RESISTOR**
All resistors are carbon 1/4W resistor, unless marked otherwise.
Unit of resistance is OHM (Ω) (k=1,000, M=1,000,000)
2. **CAPACITORS**
All capacitors are ceramic 50V unless marked otherwise.
Unit of capacitance is μ F unless otherwise stated.
3. **COIL**
Unit of inductance is μ H, unless otherwise stated.

4. **TEST POINT**
 Test Point Position

5. **EARTH SYMBOL**
 Chassis Earth (Cold)
 Line Earth (Hot)

6. **VOLTAGE MEASUREMENT**
Voltage is measured by a d.c. voltmeter.
Measurement conditions are as follows:
Power source a.c. 220V-240V, 50Hz
Receiving Signal Colour Bar signal (RF)
All customer controls Maximum position

7.
 Indicates the Video signal path
 Indicates the Audio signal path

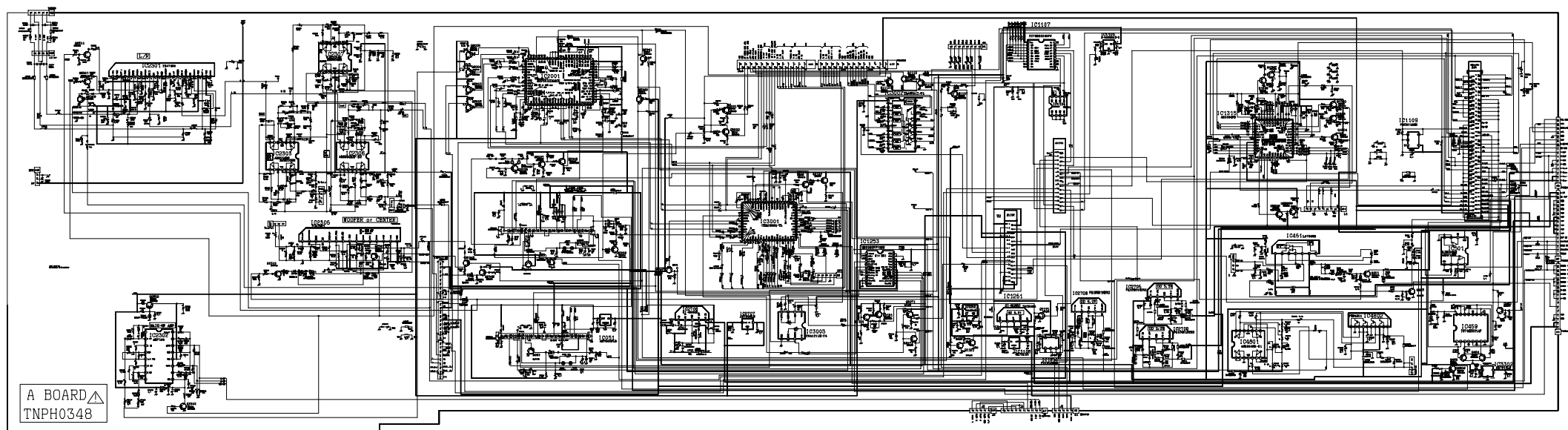
These schematic diagrams are the latest at time of printing and are subject to change without notice.

REMARKS

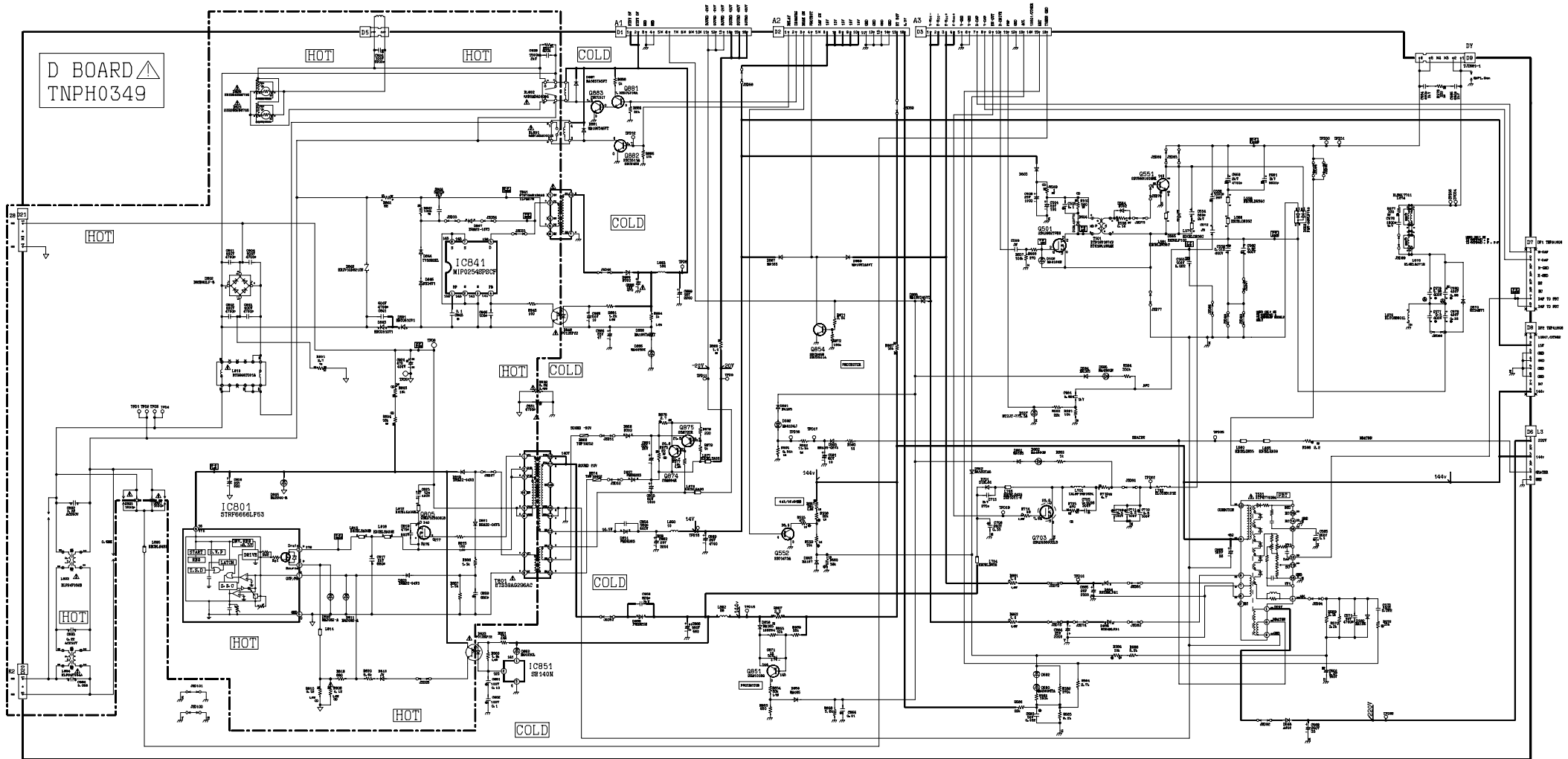
- a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- b. Do not short circuit the hot and cold circuits as electrical components may be damaged.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

NOTE

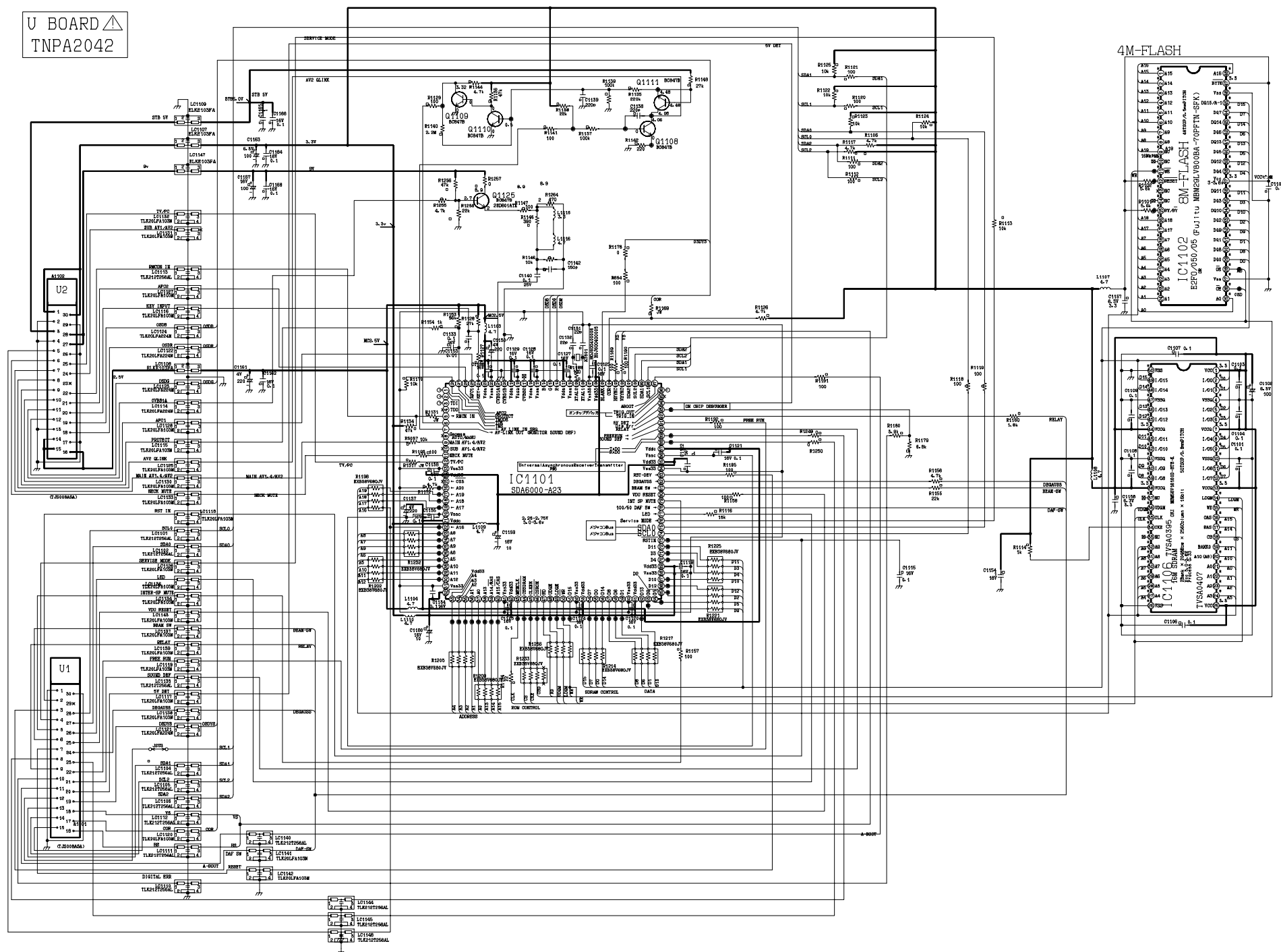
1. The Power Supply Circuit contains a circuit area, which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

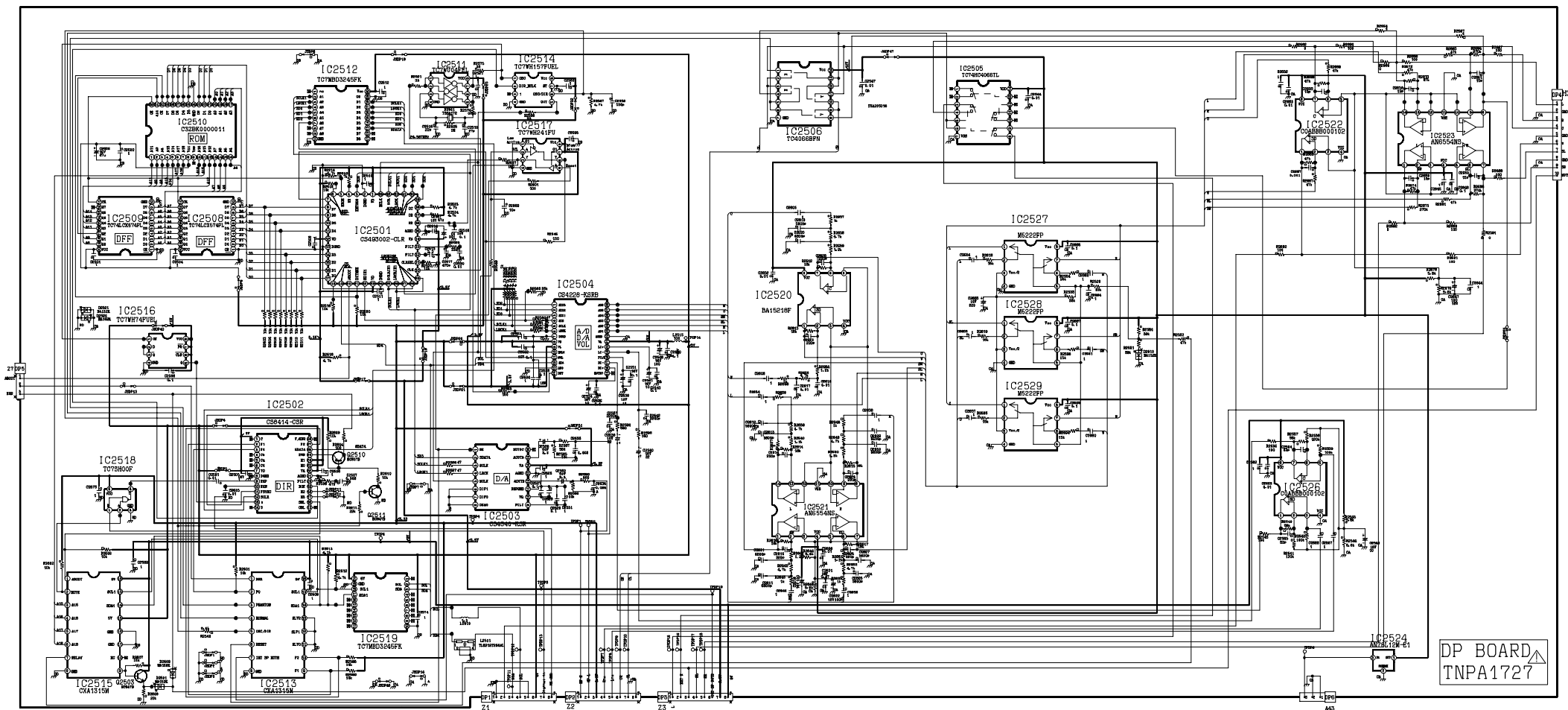


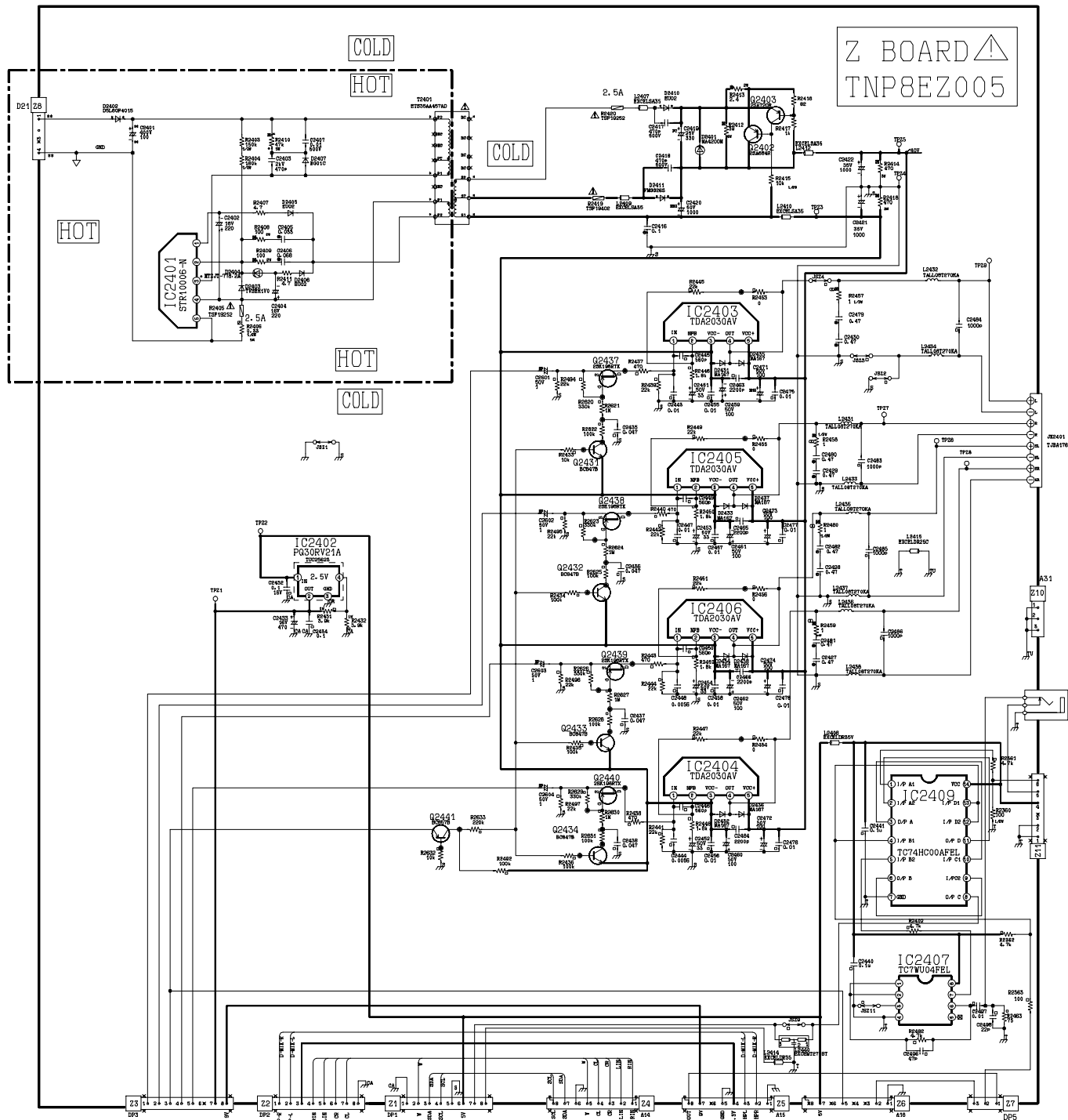
D BOARD △
TNPH0349



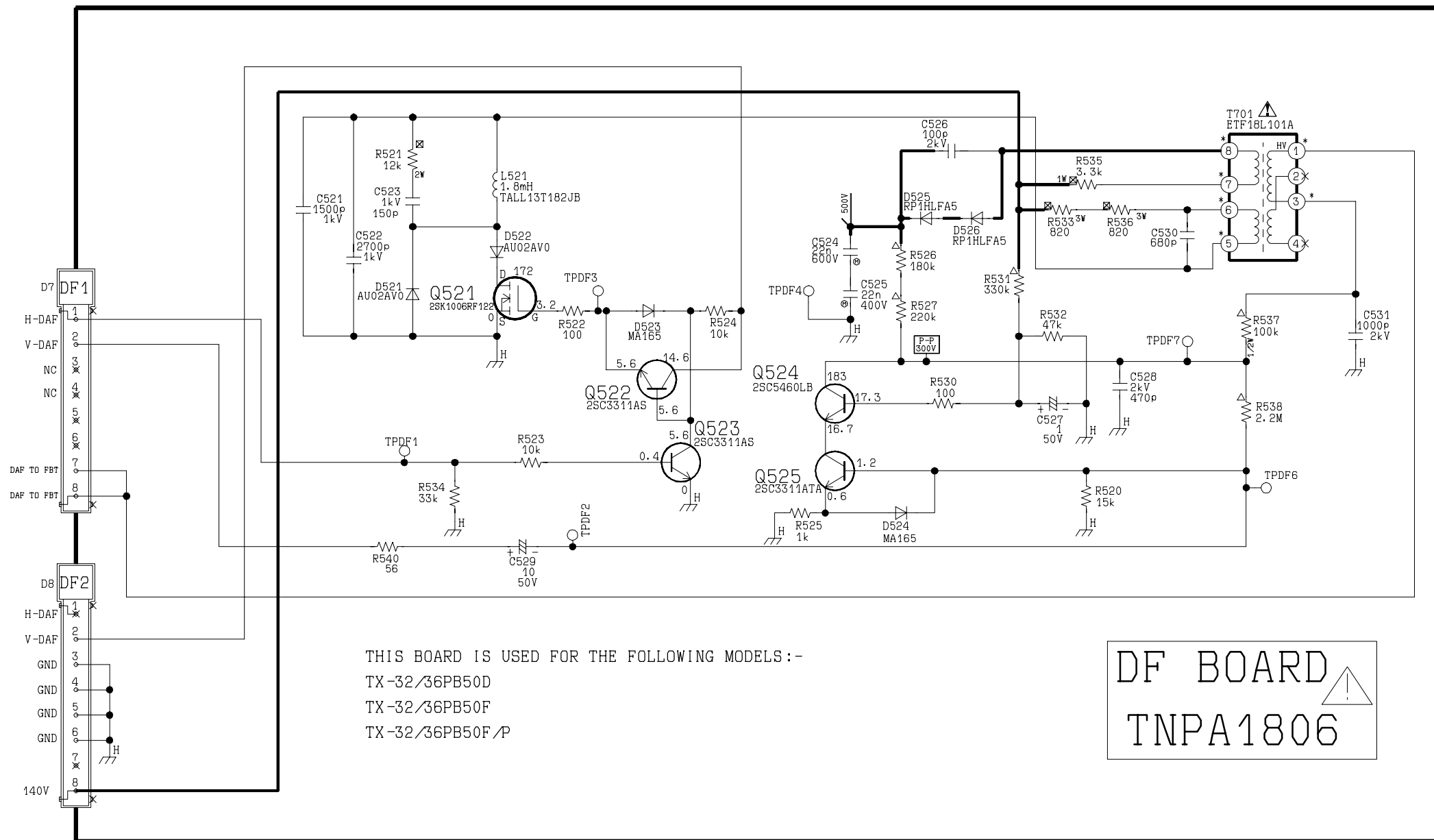
U BOARD 
TNPA2042

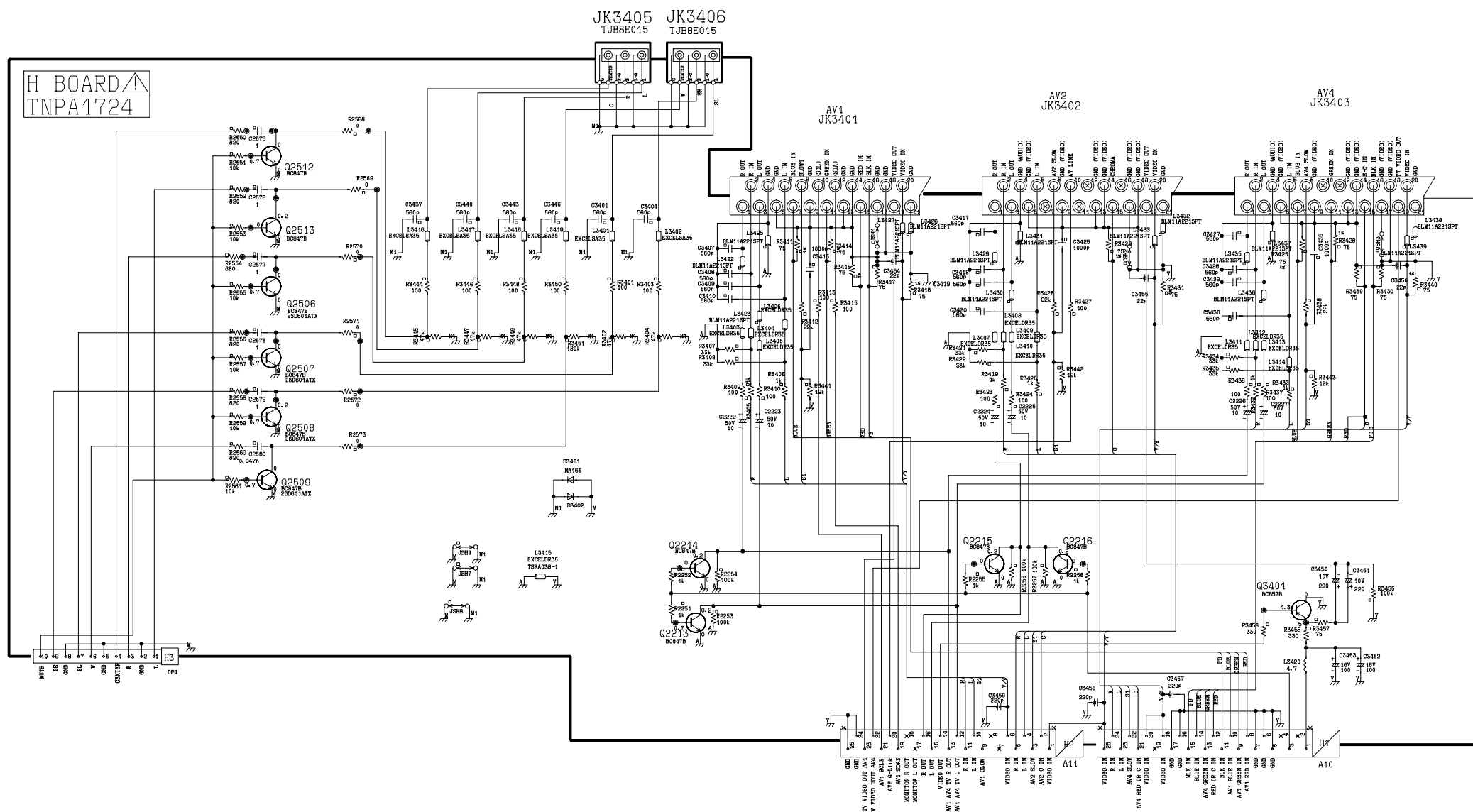






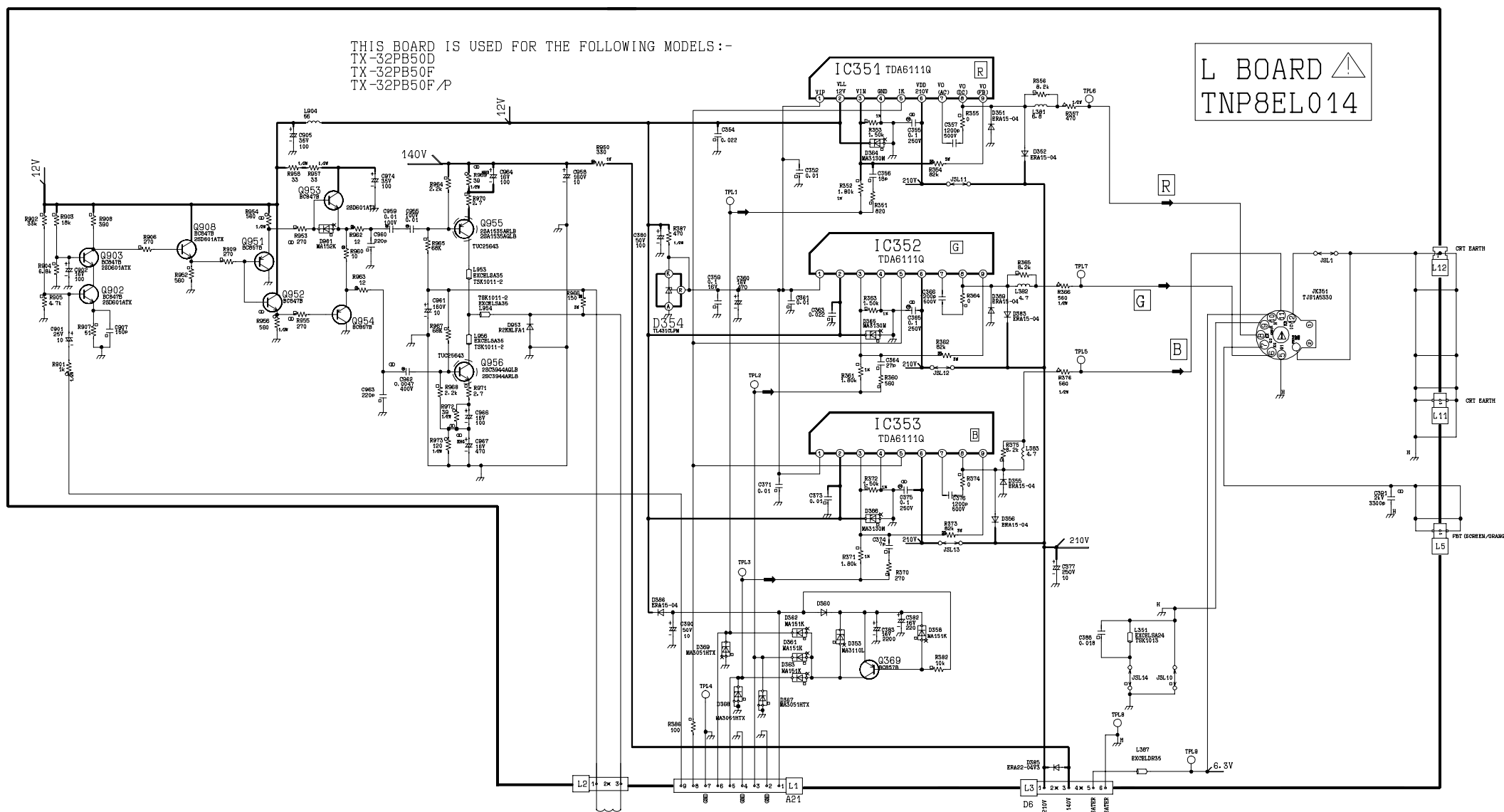
JK2403
TJBA181





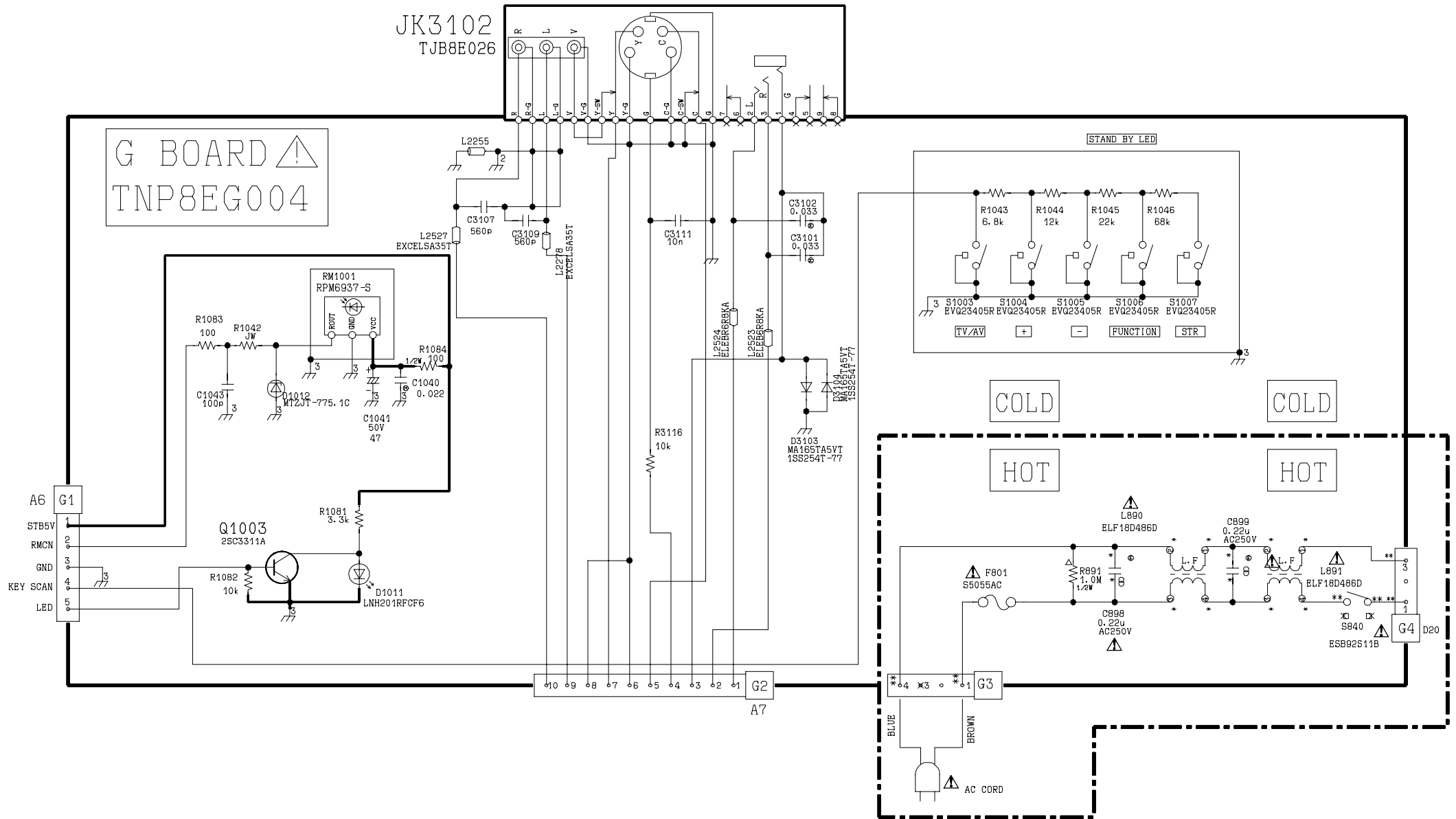
THIS BOARD IS USED FOR THE FOLLOWING MODELS:-
TX-32PB50D
TX-32PB50F
TX-32PB50F/P

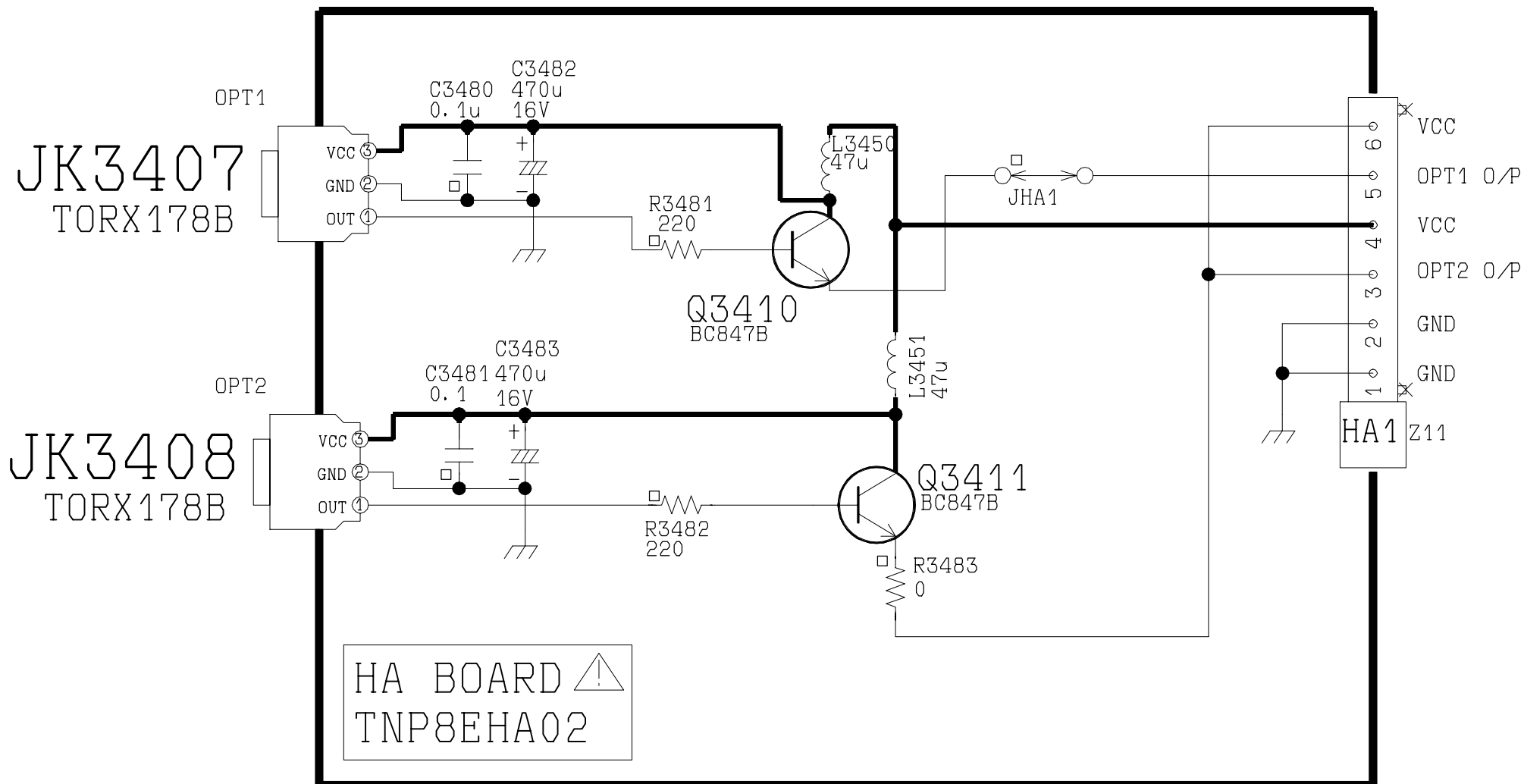
L BOARD 
TNP8EL014



JK3102
TJB8E026

G BOARD ⚠
TNP8EG004

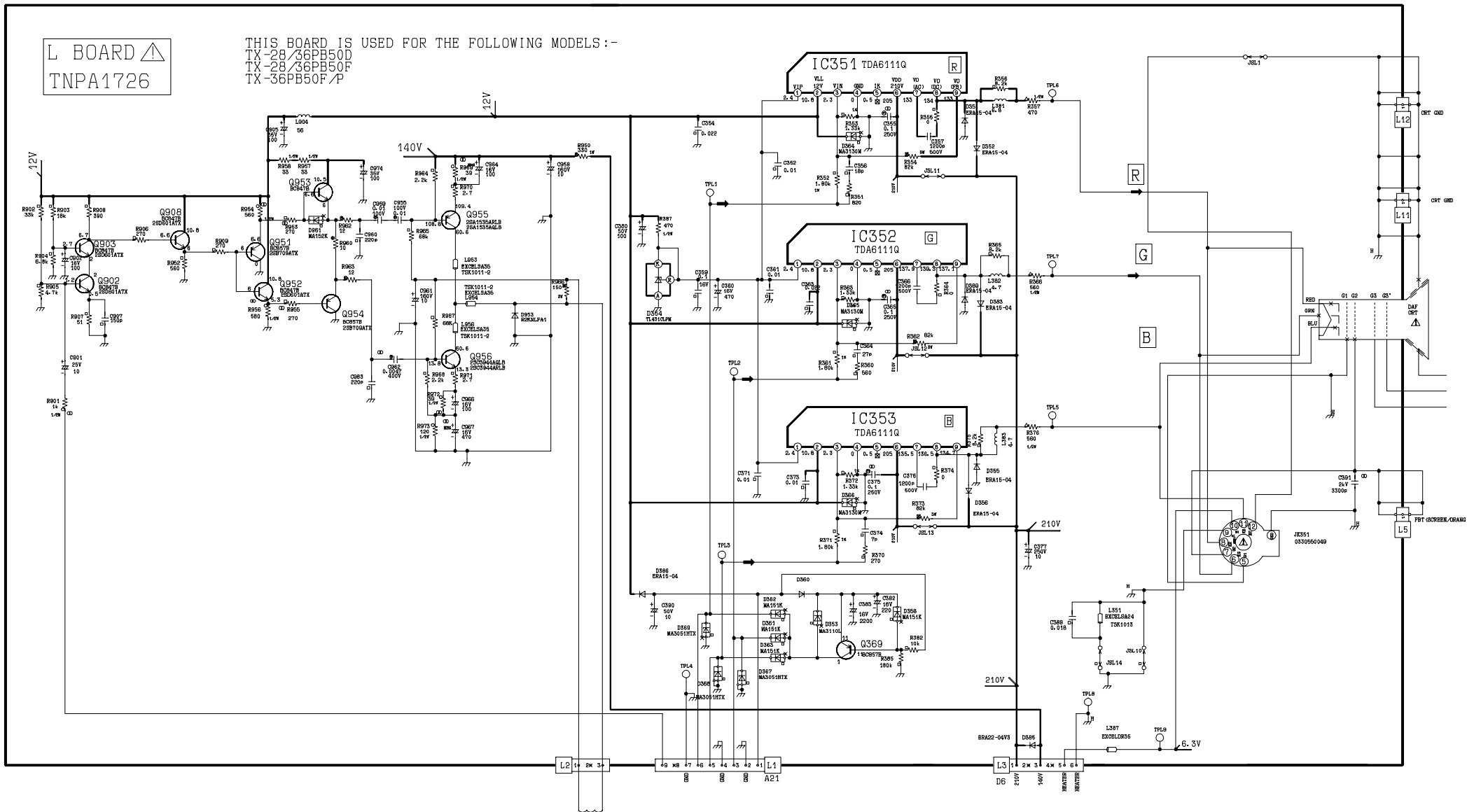




L BOARD 
TNPA1726

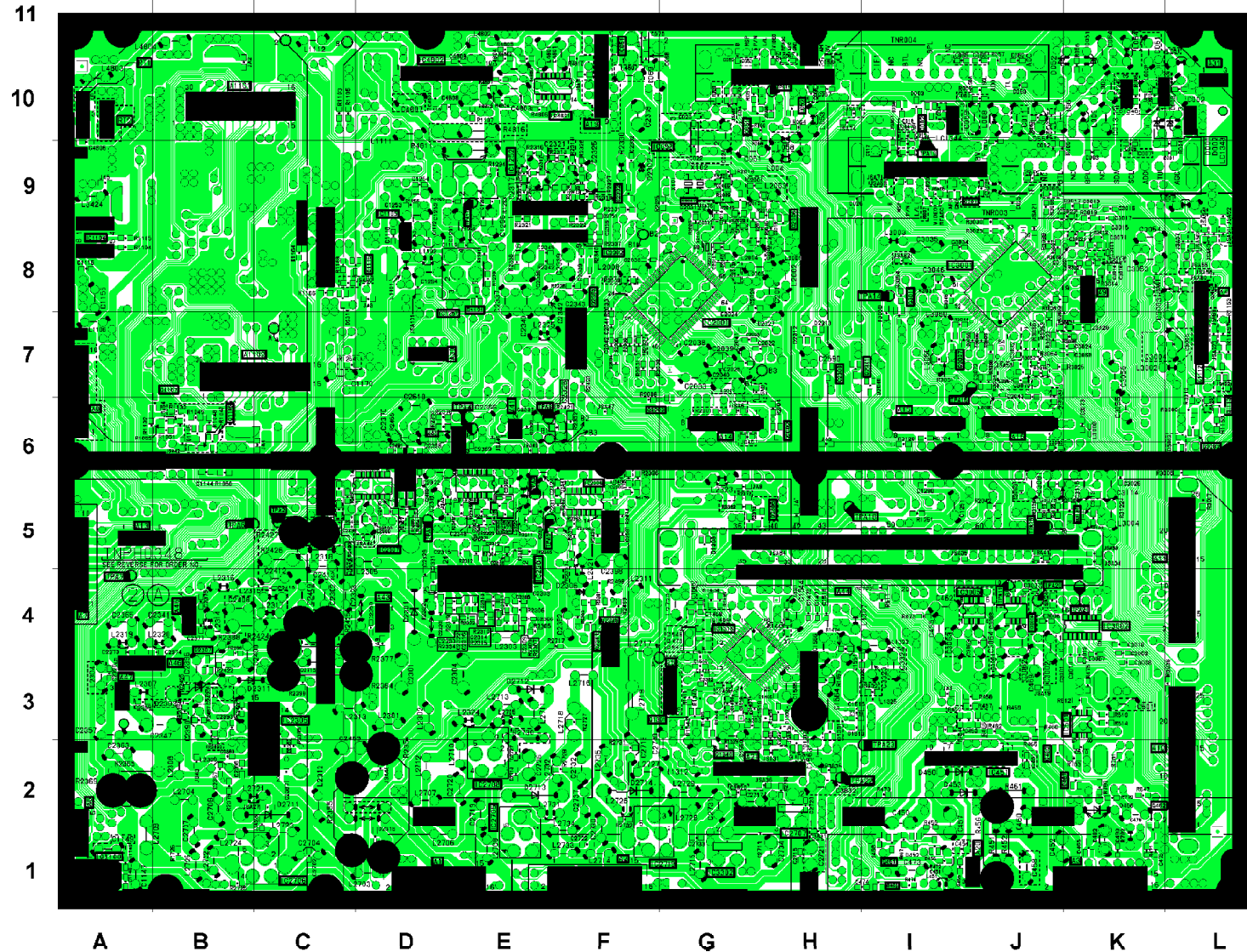
TX-28/36PB50D

TX-28/36PB50D
TX-28/36PB50F
TX-36PB50F/P



A – BOARD - TNPH0348

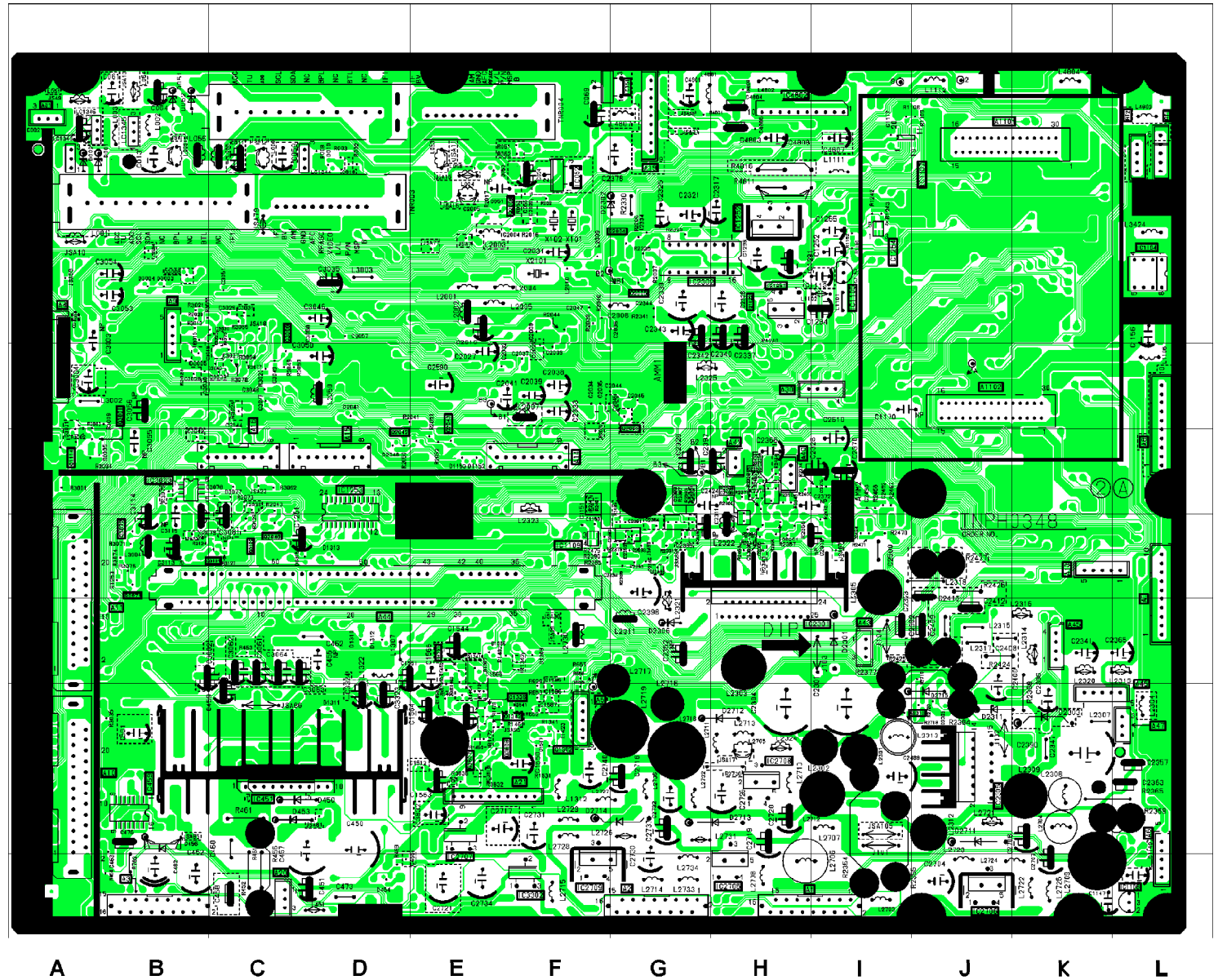
TRANS		I.C.'S	
Q001	J9	IC061	I10
Q002	I9	IC052	E9
Q051	G10	IC451	J2
Q052	H10	IC501	J2
Q451	I1	IC1104	A8
Q453	I1	IC1105	D9
Q460	J2	IC1108	A1
Q461	K2	IC1251	D7
Q462	K2	IC1252	E9
Q1106	B6	IC1315	G3
Q1107	B7	IC2001	G7
Q1112	K7	IC2301	E4
Q1113	C6	IC2302	F8
Q1115	D8	IC2305	C3
Q1121	E7	IC2306	I5
Q1301	G2	IC2307	D5
Q1340	G2	IC2425	B3
Q2002	G6	IC2705	E1
Q2003	G6	IC2708	E2
Q2005	H9	IC2709	G1
Q2041	I7	IC3001	I8
Q2301	F4	IC3002	K4
Q2302	F9	IC3004	J4
Q2303	F8	IC3005	J4
Q2306	G5	IC3302	G1
Q2307	B3	IC4801	I9
Q2308	H7	IC4802	D10
Q2309	F4		
Q3002	L6	DIODES	
Q3011	I8	D001	L9
Q3130	K5	D002	L9
		D003	I10
		D052	J10
T.P.'S			
TPA1	D5	D450	I2
TPA2	C5	D454	I2
TPA3	E0	D1308	G5
TPA4	E6	D2027	H7
TPA5	E4	D2040	I7
TPA6	B5	D2301	D4
TPA7	A5	D2302	F9
TPA8	E6	D2303	B3
TPA10	I6	D2311	C3
TPA11	H10	D2312	H7
TPA14	I8	D2313	H7
TPA15	J6	D2314	C7
TPA16	J5	D2316	D1
TPA17	E9	D2711	C2
TPA18	I5	D2714	F2
TPA19	J4	D2715	C3
TPA20	J4	D3002	L6
TPA21	K4	D3007	J6
TPA22	H2		
TPA23	I2		



A – BOARD – TNPH0348

DIODES	I.C.'S	TRANS
D001 A10	IC051 G10	Q1114 A0
D002 A10	IC052 F9	Q1122 H8
D051 B11	IC451 C2	Q1302 F3
D052 B8	IC459 B2	Q1336 F3
D053 E10	IC1104 L9	Q1337 D4
D450 D2	IC1105 I8	Q1341 D4
D453 C5	IC1107 J10	Q1342 E3
D454 D1	IC1108 L1	Q2004 G9
D1152 D6	IC1109 F5	Q2008 E9
D1153 D6	IC1251 H8	Q2040 C5
D1301 D4	IC1252 H9	Q2042 D6
D1306 D4	IC1253 D6	Q2043 E7
D1307 D4	IC1254 I9	Q2201 G6
D1309 F4	IC2004 E9	Q2205 G8
D1311 D3	IC2301 I4	Q2310 J3
D1312 D4	IC2302 G8	Q3001 B7
D1313 D5	IC2305 J2	Q3006 C8
D2035 D3	IC2705 H1	Q3071 B5
D2041 D7	IC2706 J1	Q3072 B5
D2048 D6	IC2707 E1	Q3132 C5
D2302 F9	IC2708 H3	Q3807 E3
D2303 K3	IC2709 F1	Q3808 E3
D2306 G2	IC3003 B6	
D2311 D3	IC3302 F1	
D2711 J2	IC4802 H10	
D2712 H3		
D2713 H2		
D3001 A7		
D3003 B8		
D3004 B8		
D3005 B7		
D3077 C6		

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D – BOARD – TNPH0349

DIODES		
D502	F3	D852 G8
D503	F5	D853 B8
D504	E4	D854 B8
D551	B9	D855 H8
D552	B8	D856 I10
D553	A8	D857 J9
D554	E2	D858 G8
D555	D3	D859 H10
D557	A10	D861 E10
D558	B2	D862 E10
D559	E6	D865 B10
D560	A7	D867 H10
D561	E8	D868 B10
D562	A10	D869 B10
D570	A8	D876 I10
D580	A8	D881 J8
D582	C8	D885 K10
D584	A11	D896 K10
D591	A1	D887 I8
D592	A1	D888 K10
D593	B1	
TRANS		
D594	A10	
D595	A9	Q501 F4
D701	F9	Q541 D7
D802	J1	Q542 F7
D804	H1	Q543 F8
D805	H3	Q544 F7
D809	H4	Q551 D2
D811	H4	Q552 F11
D813	G2	Q703 B9
D819	G2	Q804 G3
D820	G2	Q805 G3
D821	G1	Q851 G9
D823	G6	Q854 H10
D825	J6	Q874 J10
D826	I5	Q875 J10
D831	K3	Q881 J8
D842	K6	Q882 J8
D843	K7	Q883 J8
I.C.'S		
D844	K8	
D845	K7	
D846	K8	IC801 G4
D847	K8	IC841 K8
D848	K9	IC851 F8

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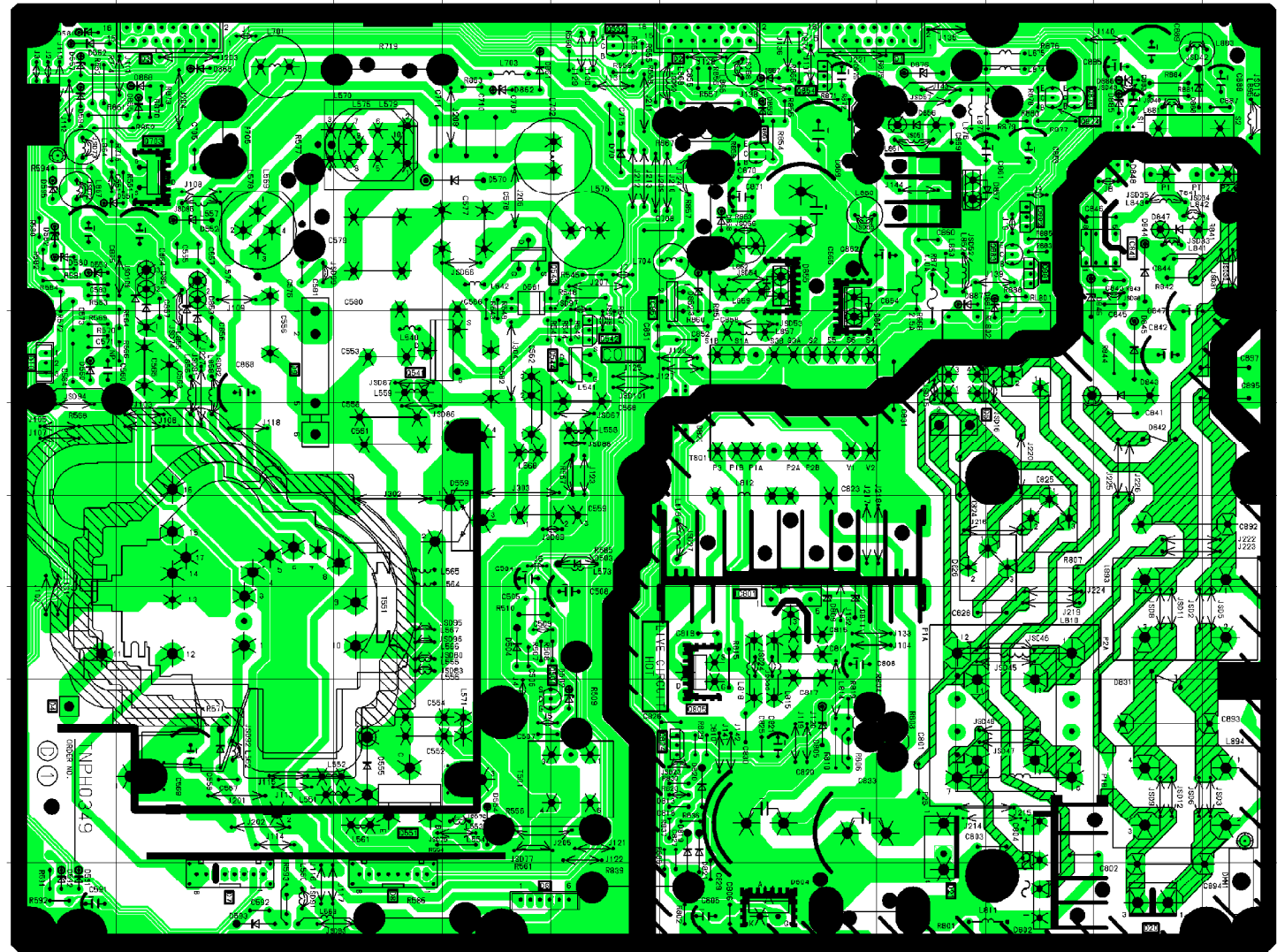
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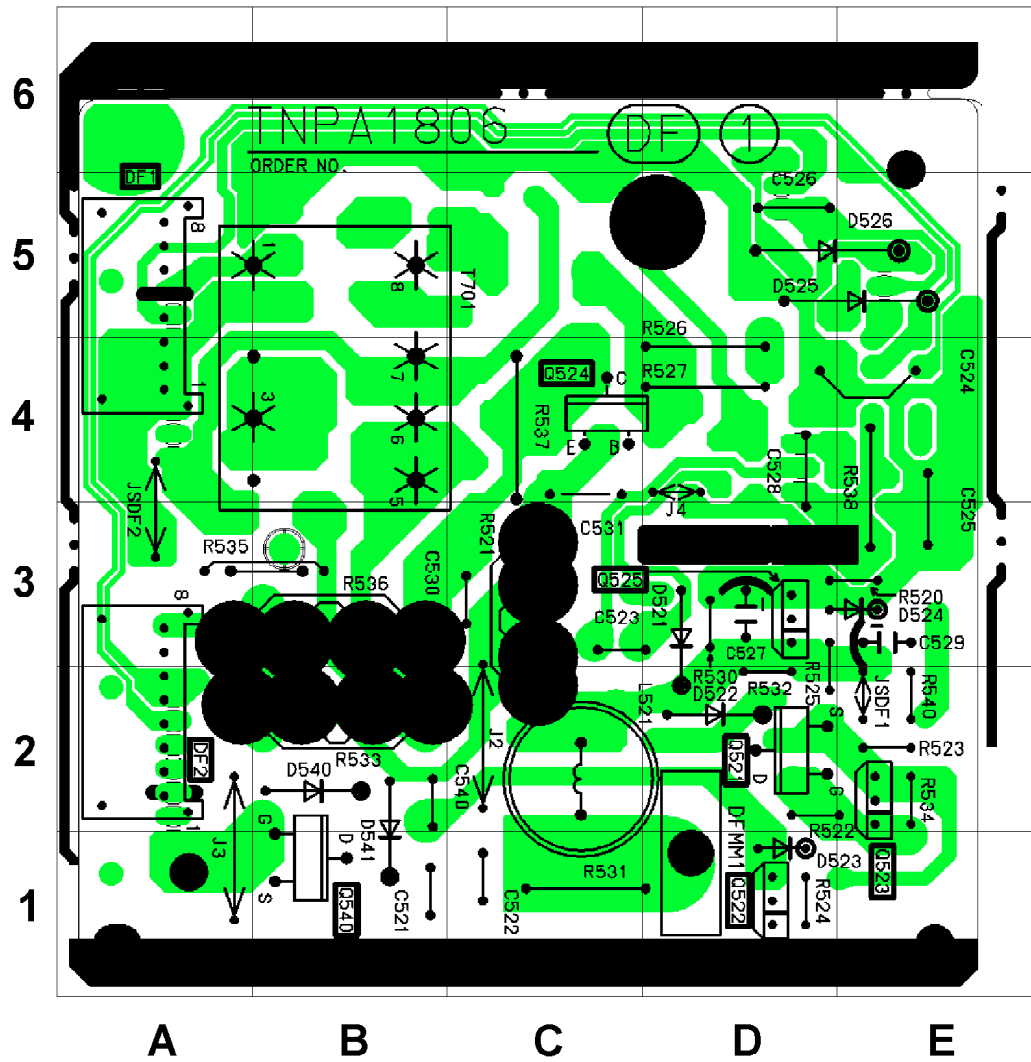
J

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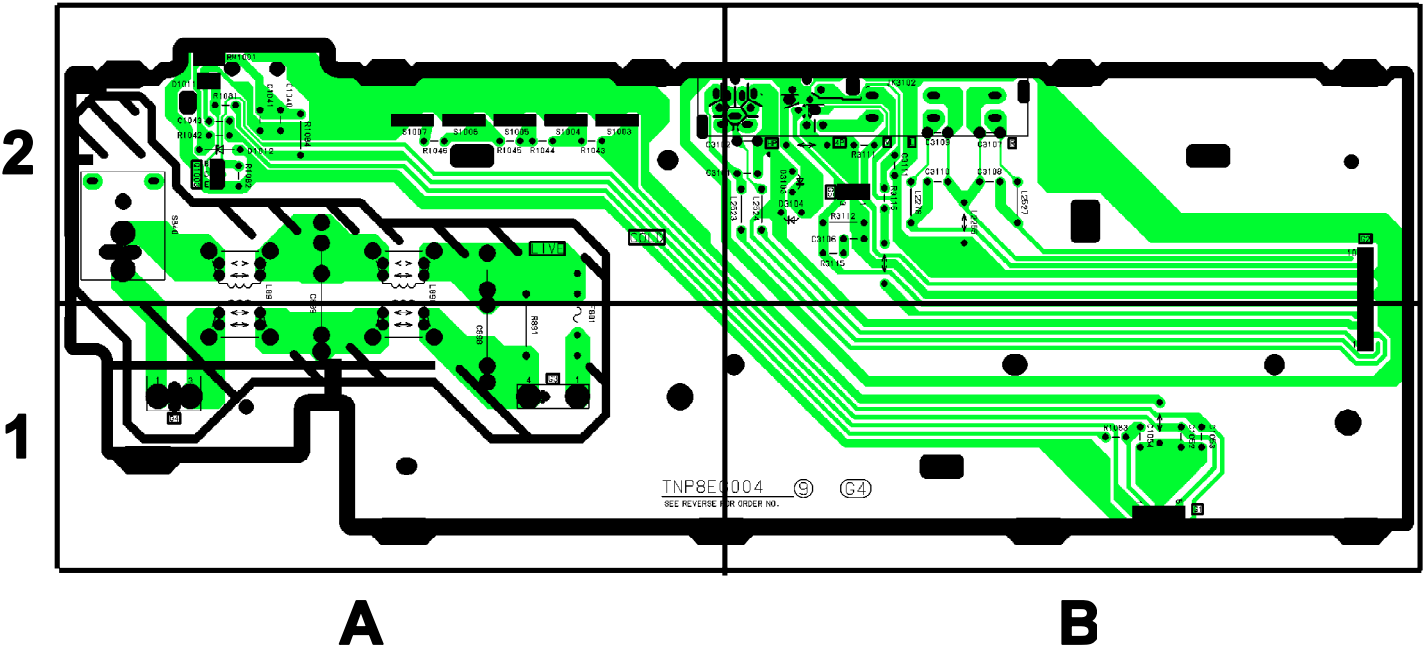
DF – BOARD - TNPA1806

DIODES	
D521	D3
D522	D2
D523	D1
D524	E3
D525	D5
D526	E5
D540	B2
D541	B1
TRANS	
Q521	D2
Q522	D1
Q523	E1
Q524	C4
Q525	C3
Q540	B1



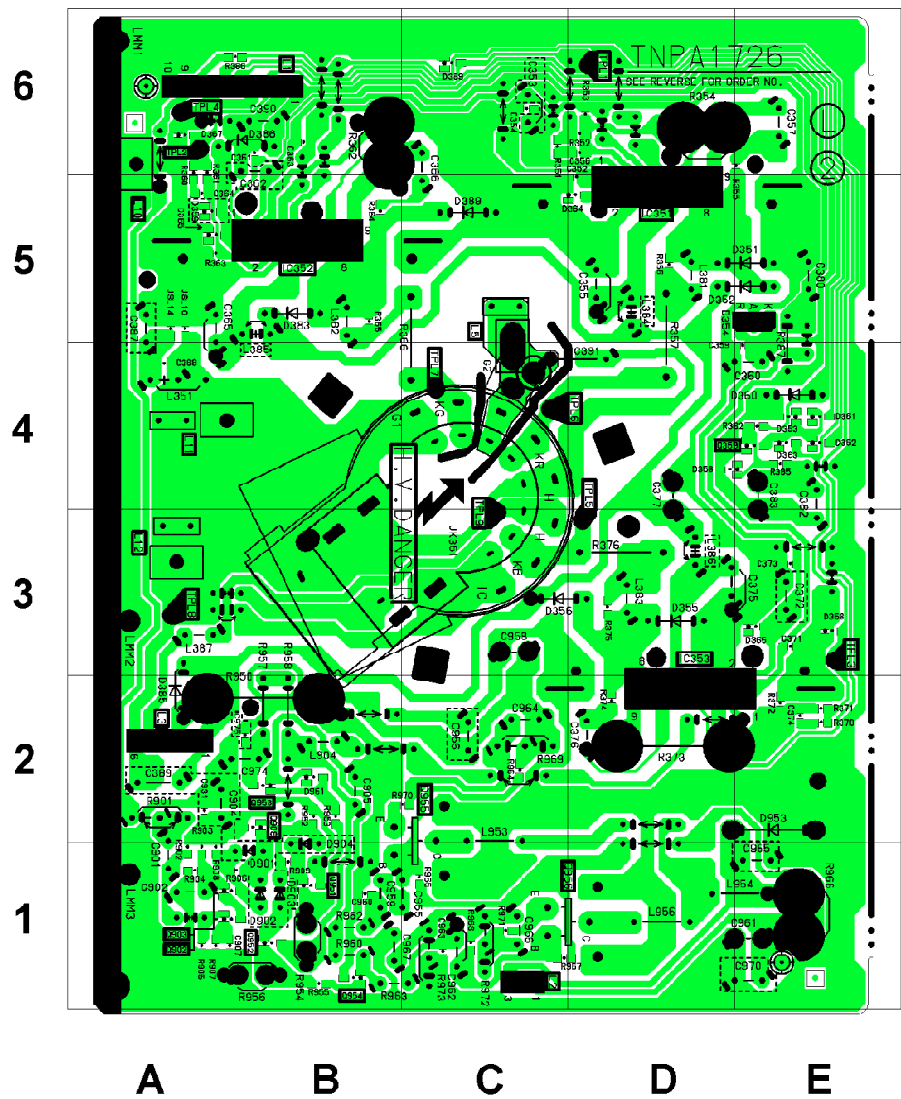
G – BOARD – TNP8EG004

DIODES	
D1011	A2
D1012	A2
D3103	B2
D3104	B2
TRANSISTORS	
Q1003	A2



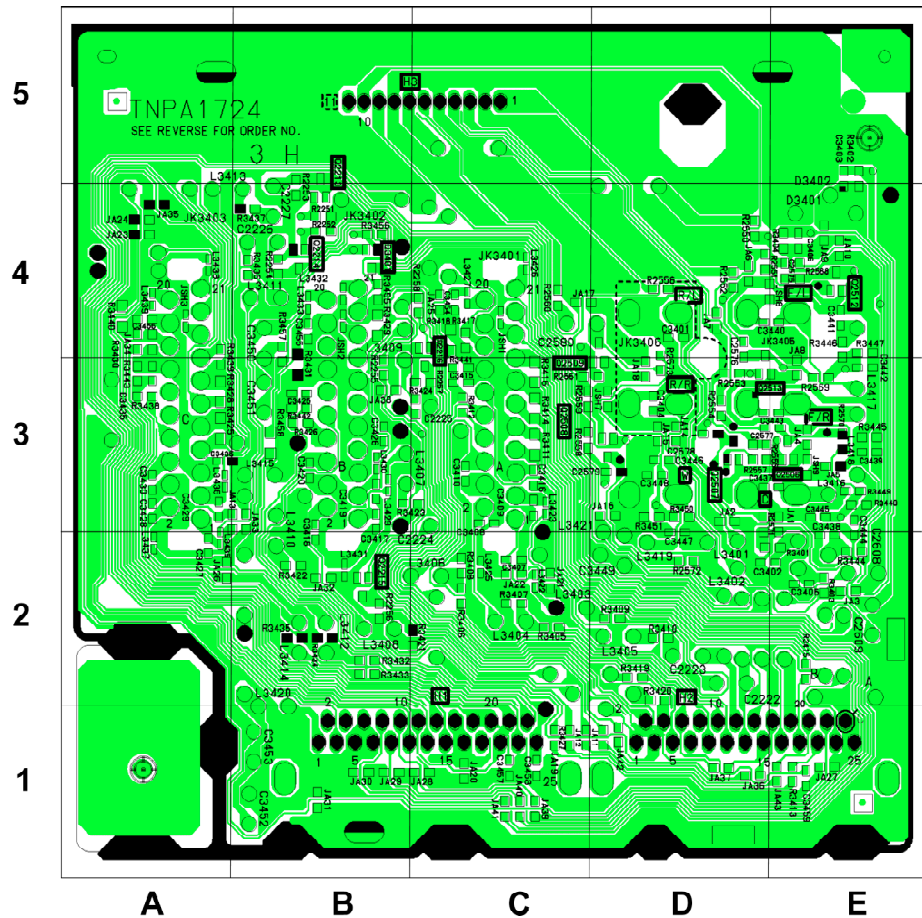
L – BOARD - TNPA1726

TRANS		D362	E4
Q369	E4	D363	E4
Q902	A1	D364	D5
Q903	A1	D365	A5
Q908	B2	D366	E3
Q951	B1	D367	A6
Q952	B1	D369	C6
Q953	B2	D383	B5
Q954	B1	D385	A2
Q955	C2	D386	B6
Q956	D1	D389	C5
I.C.'S		D901	B1
		D902	B1
IC351	D5	D903	B1
IC352	B5	D904	B1
IC353	D2	D953	E2
		D961	B2
DIODES		T.P.'S	
D351	E5	TPL1	D6
D352	E5	TPL2	A6
D353	E4	TPL3	E3
D354	E5	TPL4	A6
D355	D3	TPL5	D4
D356	C3	TPL6	D4
D358	D4	TPL7	C4
D359	A5	TPL8	A3
D360	E4	TPL9	C3
D361	E4		



H – BOARD – TNPA1724

DIODE	
D3401	E4
D3402	E4
TRANSISTOR	
Q2213	B5
Q2214	B4
Q2215	B2
Q2216	C4
Q2506	E3
Q2507	D3
Q2508	C3
Q2509	C3
Q2512	E4
Q2513	D3
Q3401	B4



Z - PCB – TNP8EZ005

DIODES		D2410	D4	D2437	B3	IC2406	A4
D2401	C5	D2411	C4	D2438	B4	TRANSISTORS	
D2402	C2	D2431	B4	I.C.'s		Q2402	C5
D2403	C3	D2432	B4	IC2401	C3	Q2403	C5
D2404	C2	D2433	B3	IC2402	B5		
D2405	C3	D2434	A4	IC2403	B3		
D2406	C3	D2435	B3	IC2404	B4		
D2407	C3	D2436	B4	IC2405	B3		

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